



SPARKMINDS

AI AGENT

SparkMinds J.S.C



SPARKMINDS

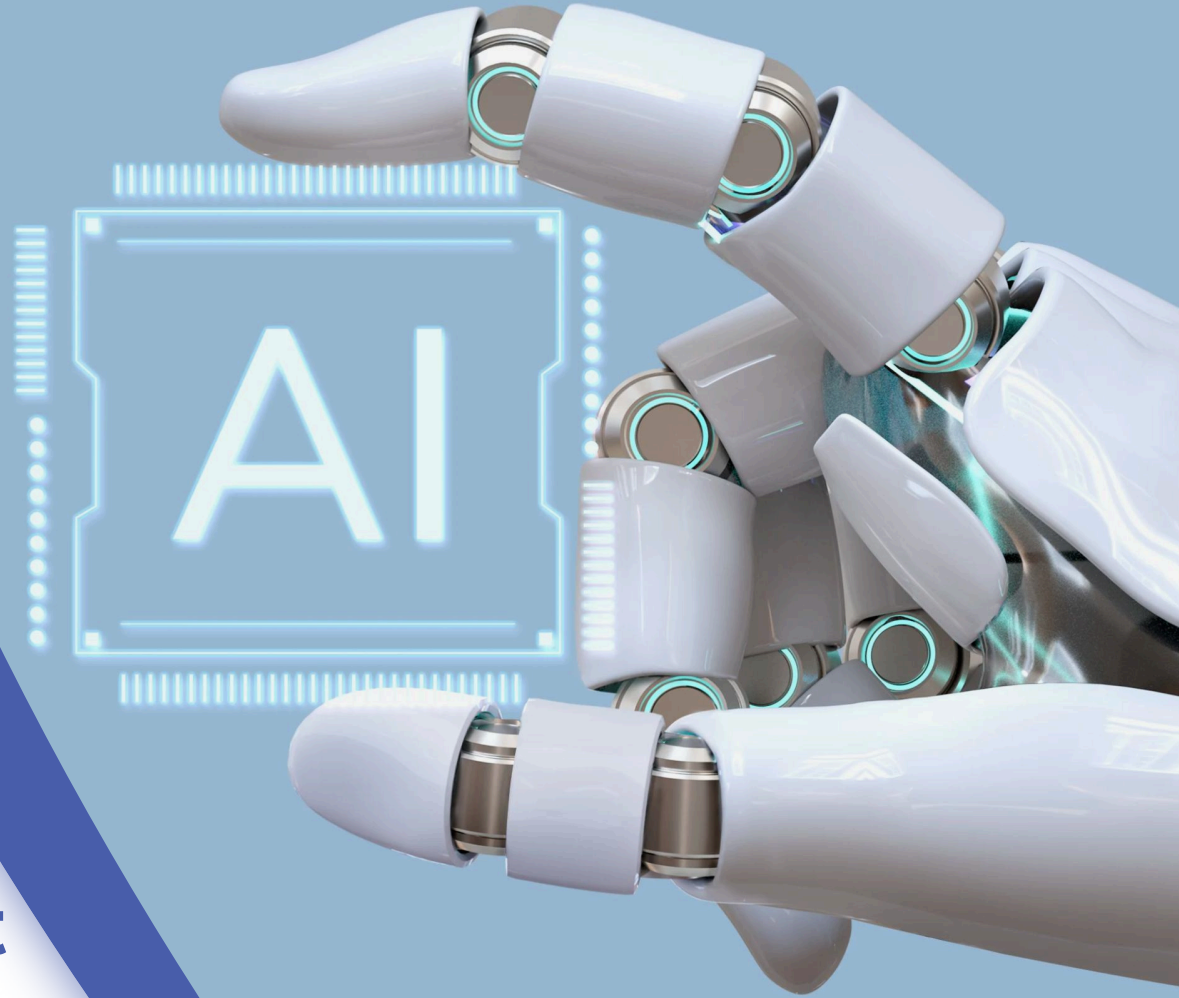
We Are More Than Your Demand And Satisfaction!



SPARKMINDS

Custom Web/App
Implementation

AI Agent - Personal Data Audit



AI Agent - Personal Data Audit

Industry

AI

Team Size

6 People

Type

Web App

Location

Germany

Time

4-5 Months

Technologies

Java, Vue,
Python

Description

This is an AI-powered content moderation tool for reviewing articles and submissions, detecting personal information, violent language, or discriminatory terms, and highlighting them quickly for editors.

Key Features

- ✓ Efficient upload and processing of news content, including PDF documents.
- ✓ AI-powered analysis to identify sentiment, key individuals, and potential reputational risks.
- ✓ Automated tagging and classification to surface relevant insights.
- ✓ Moderation interface for reviewing and refining AI-generated results.
- ✓ Secure role-based access for analysts and moderators.
- ✓ Comprehensive audit trails for all changes and user actions.
- ✓ Seamless integration of AI insights into the content review workflow.
- ✓ Scalable and modular system designed to support future enhancements and AI upgrades.
- ✓ User authentication via AWS Cognito.



SPARKMINDS

Custom Web/App
Implementation

AI Chatbot - User Order Confirmation

The background of the right half of the image is a dark blue circuit board pattern with glowing blue lines and dots. A large, thick, curved blue band sweeps across the left side of the image. In the center-right, there is a glowing purple square containing the letters 'AI' in a white, sans-serif font. The square is surrounded by a white border with small squares at the corners and horizontal/vertical lines of dots and dashes. Above and below the square are horizontal lines of small white dashes.

AI

AI Chatbot - User Order Confirmation

Industry

AI

Team Size

3 People

Type

Web App

Location

Asia

Time

2 Weeks

Technologies

N8n, Pinecone,
Elevenlabs, AWS,
ChatGPT

Description

Support customers in responding to messages and creating orders for the website sales team

Key Features

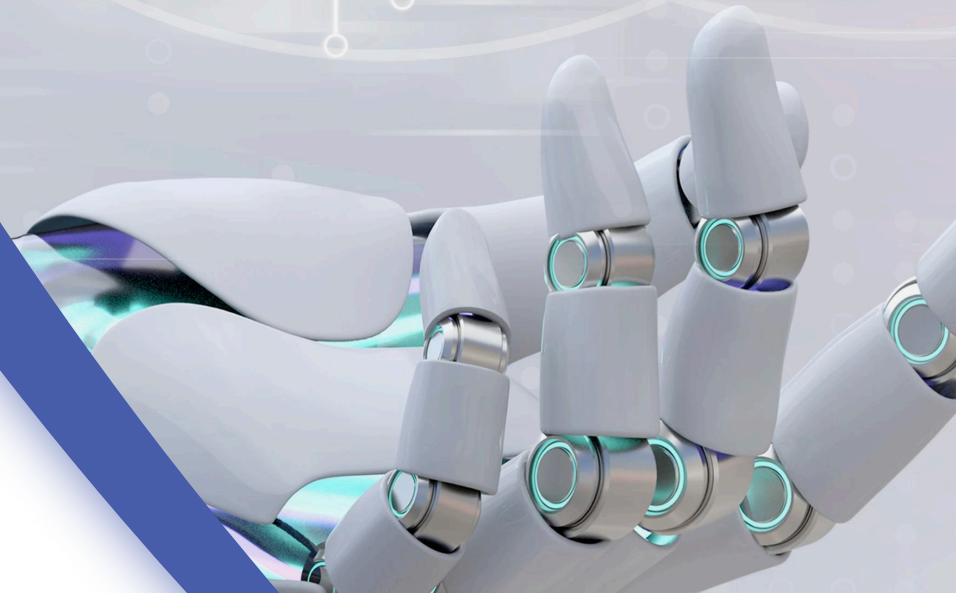
- ✓ Multi-channel order intake via Gmail and Telegram
- ✓ Automated data extraction and validation, including OCR for attachments
- ✓ Centralized logging in Google Sheets ("Schedule of Product")
- ✓ Sales price calculation and submission workflow by sales team
- ✓ Manager verification and customer confirmation via email
- ✓ Real-time status updates and notifications across all stages



SPARKMINDS

Custom Web/App
Implementation

AI Agent - Event Data Creator



AI Agent - Event Data Creator

Industry	Team Size	Type	Location	Time	Technologies
AI	3 People	Web App	Netherlands	2 Weeks	N8n, Pinecone, Google Map API, ChatGPT

Description

Process events based on location data, retrieve event information from an API, check for existing events in the database, use AI to generate descriptions, fetch exact locations and images, and finally insert the events into the database.

Key Features

- ✓ Receive location data via Webhook (latitude & longitude)
- ✓ Fetch event details from external API using location
- ✓ Check for duplicates in the database
- ✓ Use AI to check or generate event descriptions (markdown format)
- ✓ Retrieve precise location and related event image
- ✓ Insert complete event data into the database



SPARKMINDS

Custom Web/App
Implementation

AI Agent - Transportation Invoice Reader

AI Agent - Transportation Invoice Reader

Industry

Logistics

Team Size

5 People

Type

Web App

Location

Germany

Time

12 Weeks

Technologies

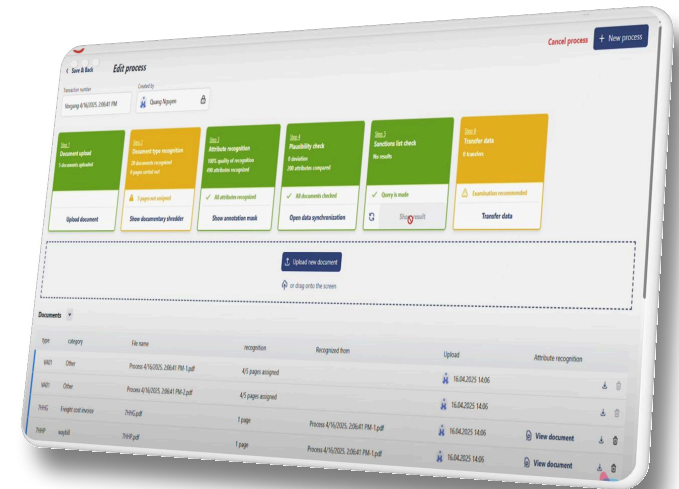
Java Spring
Boot, VueJS,
MySQL, AWS

Description

This is an AI-based app for reading and extracting order shipment information. It analyzes, labels, and feeds the data into existing processing systems. ZOBA supports thousands of order formats, significantly reducing manual data entry.

Key Features

- ✓ Convert the uploaded files into image format.
- ✓ Utilize AI to classify the document types.
- ✓ Apply AI to extract and label key information from the documents.
- ✓ Perform a sanction check on the extracted data.
- ✓ Transfer the processed information to the designated service provider





SPARKMINDS

Custom Web/App
Implementation

AI Agent - Scraping Events Data



AI Agent - Scraping Events Data

Industry

Event

Team Size

3 People

Type

Web App

Location

Netherlands

Time

2 Weeks

Technologies

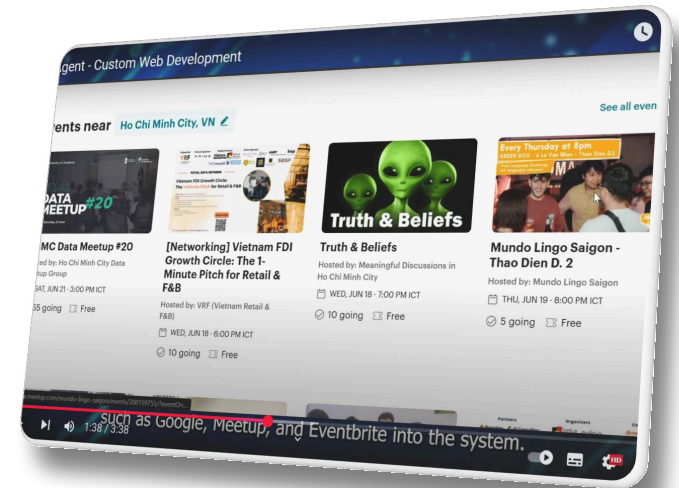
N8n, Pinecone, Elevenlabs, AWS, ChatGPT

Description

This project automates the process of scraping and importing global events from platforms like Google, Meetup, and Eventbrite into your system. Using n8n, the workflow fetches the latest events, checks for duplicates, and inserts new entries — keeping your event database continuously updated with minimal manual effort.

Key Features

- ✓ **Auto-insert New Venue into Database via n8n:** Automatically creates new venue entries in the system with minimal manual input.
- ✓ **Collect Venue Info via Google Sheets:** Venue data is initially added to a Google Sheet with only basic information (e.g. name, email).
- ✓ **Scheduled Checks for New Rows:** n8n periodically checks the Google Sheet for new entries. Periodically calls Google Events, Meetup, and Eventbrite APIs to fetch the latest events worldwide.
- ✓ **Generate Missing Data & Create Venue:** If the venue does not exist, missing information is generated and inserts newly discovered events directly into the system's database for use across the platform.
- ✓ **Send Welcome Email Automatically:** A personalized welcome email is sent to the new venue upon successful insertion.
- ✓ **Slack Notification:** Sends a real-time notification to a designated Slack channel once a new venue is added successfully.





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Custom Web/App
Implementation

AI Agent - Sales Agent Powered Call



AI Agent - Sales Agent Powered Call

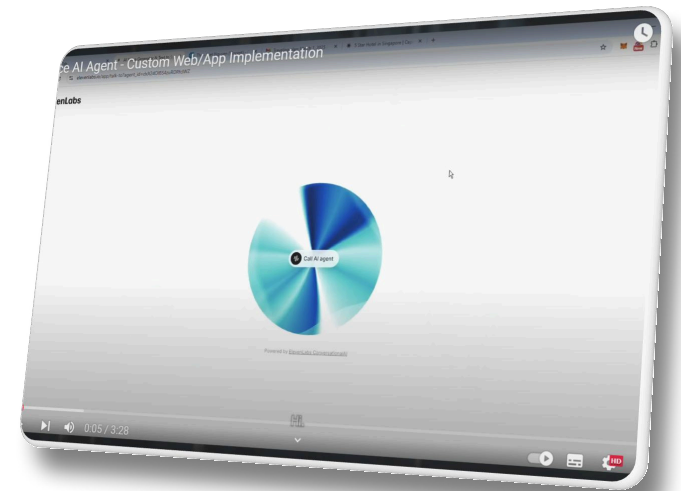
Industry	Team Size	Type	Location	Time	Technologies
Event	3 People	Web App	Netherlands	2 Weeks	N8n, Pinecone, Elevenlabs, AWS, ChatGPT

Description

This project automates the process of identifying potential customers who wish to schedule a meeting, following up with them via email, and confirming bookings through AI-powered calls.

Key Features

- ✓ **Automated Mailbox Monitoring:** Periodically checks the inbox for new incoming emails using n8n.
- ✓ **AI Email Intent Analysis:** Uses AI to analyze email content and detect whether the sender wants to book a meeting.
- ✓ **Follow-Up Email Trigger:** Automatically sends a follow-up email to ask for the sender's phone number if intent is confirmed.
- ✓ **AI Voice Call via ElevenLabs:** Once a phone number is received, ElevenLabs is used to place a call to the customer and schedule the meeting.
- ✓ **Meeting Creation in Google Calendar:** After gathering the required details, a calendar invite is generated and sent to the customer.
- ✓ **Slack Notification:** A Slack message is sent to notify the team when a new meeting is successfully created.





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Custom Web/App
Implementation

AI Agent - Customer Support



AI Agent - Customer Support

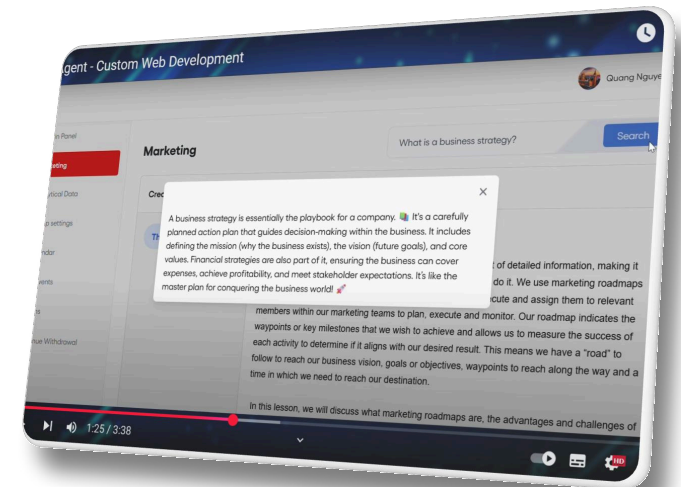
Industry	Team Size	Type	Location	Time	Technologies
Event	3 People	Web App	Netherlands	2 Weeks	N8n, Pinecone, Elevenlabs, AWS, ChatGPT

Description

This project automates an intelligent FAQ support system by integrating n8n, Pinecone, and an AI agent. It allows users to ask questions related to the system and receive accurate, real-time responses by searching a vectorized knowledge base. page.

Key Features

- ✓ **Knowledge Storage with Pinecone:** All relevant system documentation and information are embedded and stored in Pinecone as vector data for efficient semantic search.
- ✓ **Webhook Endpoint for User Questions:** A public n8n webhook is created to receive user-submitted questions from the system's Q&A page.
- ✓ **AI-Powered Semantic Search:** When a question is received, it is passed to an AI Agent that searches Pinecone to find the most relevant answer based on semantic similarity.
- ✓ **AI Voice Call via ElevenLabs:** Once a phone number is received, ElevenLabs is used to place a call to the customer and schedule the meeting.
- ✓ **Automated Response Delivery:** The system automatically sends the appropriate answer back to the user through the webhook response.
- ✓ **Live Integration on Website Q&A Page:** The entire system is implemented and accessible from the Q&A section of the website, providing an interactive and intelligent help experience.





SPARKMINDS

Custom Web/App
Implementation

AI Agent - Medical Test Scanning



AI Agent - Medical Test Scanning

Industry	Team Size	Type	Location	Time	Technologies
Medical	3 People	Web App	Asia	2 Weeks	N8n, Pinecone, Elevenlabs, AWS, ChatGPT

Description

AI for cancer diagnosis based on test results. This AI agent helps doctors scan patient records to detect early cancer indicators, enabling timely treatment.

Key Features

- ✓ **Medical Data Aggregation:** Collects patient data from hospitals and healthcare organizations for AI processing.
- ✓ **Data Structuring & Analysis:** Data analysts clean, aggregate, and prepare cancer-related datasets for AI model training.
- ✓ **AI Model Development & Training:** Builds a three-layer AI model, trains it with structured medical data, and evaluates its diagnostic accuracy.
- ✓ **PDF Test Result Analysis via Telegram:** Patients can upload cancer marker reports; AI bot analyzes PDFs to detect indicators of cancer.
- ✓ **Automated Diagnostic Feedback:** AI scans blood tests, cell results, and general examination data to estimate cancer probability and provide instant diagnosis.
- ✓ **Detailed Report Generation:** Users can download a PDF summary of the diagnostic result with analysis insights.

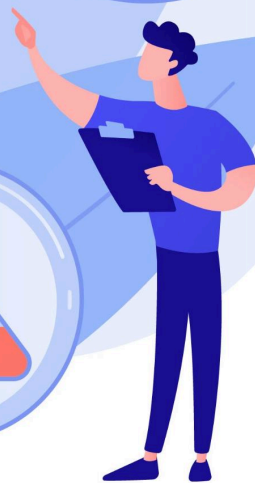




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Custom Web/App
Implementation

AI Agent - Imaging Diagnosis



AI Agent - Imaging Diagnosis

Industry

Medical

Team Size

3 People

Type

Web App

Location

Asia

Time

2 Weeks

Technologies

N8n, Pinecone,
Elevenlabs,
AWS, ChatGPT

Description

AI Fungal Skin is an AI-powered diagnostic tool that analyzes skin images to detect fungal and other dermatological conditions. It collects and processes medical data from clinics, hospitals, and doctors to train and improve model accuracy. The system supports large-scale diagnosis, aids in interpreting lab results and clinical records, and assists both medical and aesthetic professionals.

Key Features

- ✓ **Skin Image Recognition:** Detects fungal and dermatological conditions through AI analysis of skin photos.
- ✓ **Medical Data Collection & Training:** Aggregates patient data from clinics, hospitals, and doctors to build and refine AI models.
- ✓ **High-Volume Diagnosis Support:** Enables rapid diagnosis across thousands of cases, aiding dermatologists in time-sensitive workflows.
- ✓ **Multi-Modal Medical Record Analysis:** Supports reading and interpreting blood tests, X-rays, and cancer screening records for broader clinical insight.
- ✓ **Aesthetic & Clinical Consultation Support:** Assists dermatology and aesthetic centers with image-based diagnostics and treatment recommendations.





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Custom Web/App
Implementation

AI Agent - Trading Bot



AI Agent - Trading Bot

Industry

AI

Team Size

3 People

Type

Web App

Location

Asia

Time

2 Weeks

Technologies

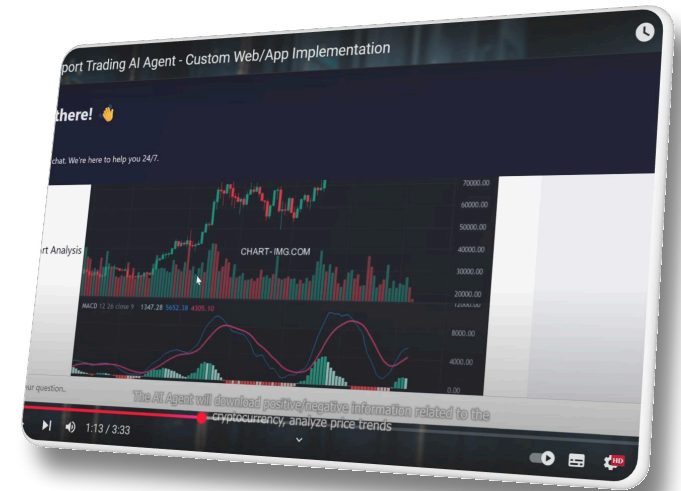
N8n, Pinecone, Elevenlabs, AWS, ChatGPT

Description

Auto download and analyze the pricing chart, collect all the news relate to this coin, and follow up social media account of influencer. Then giving the notification + suggestion for Buy/Sell. It can help to placing order to other exchange by giving message to chatbot

Key Features

- ✓ **Automated or On-Demand Activation:** Triggered by user question or time interval for continuous market monitoring.
- ✓ **Market Data Aggregation:** Downloads latest chart images, retrieves related news, and collects influencer posts.
- ✓ **AI-Powered Market Analysis:** Analyzes technical charts, news content, and social sentiment to generate trading insights.
- ✓ **Real-Time Notifications:** Sends trade suggestions and alerts directly to the user via chat.
- ✓ **Smart Trade Execution:** Allows users to place buy/sell orders directly through chat commands.

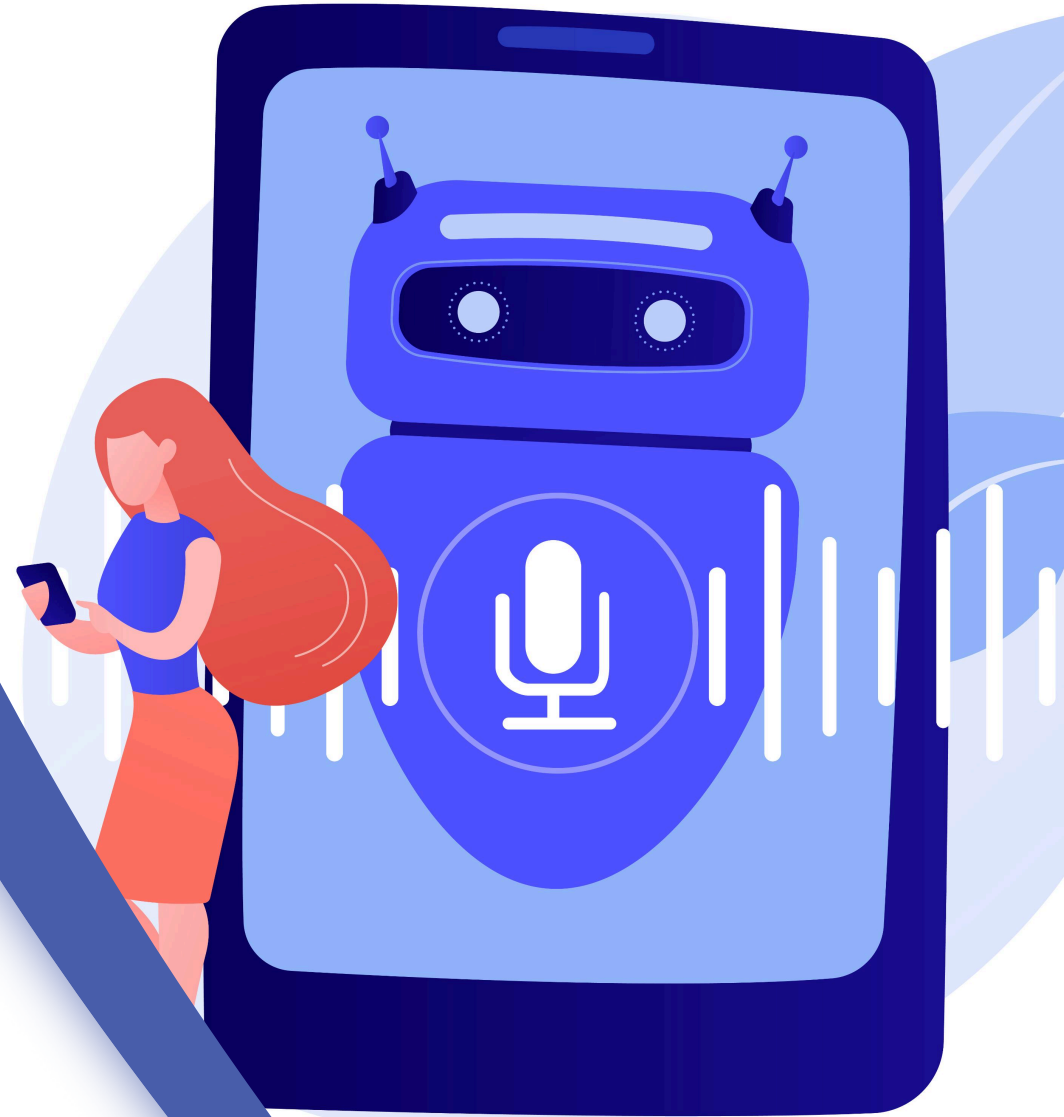




SPARKMINDS

Custom Web/App
Implementation

AI Agent - Voice Travel Planner



AI Agent - Voice Travel Planner

Industry	Team Size	Type	Location	Time	Technologies
AI	3 People	Web App	Asia	2 Weeks	N8n, Pinecone, Elevenlabs, AWS, ChatGPT

Description

The Voice AI Travel Agent is an intelligent assistant that helps users plan personalized trips through natural voice conversations. By understanding user preferences in real-time, the AI builds a customized travel itinerary including flights, accommodation, dining, and activities. Once the conversation ends, the full travel plan is sent to the user's email for convenience and booking. This solution combines voice interaction with smart travel planning to enhance user experience and reduce manual search time.

Key Features

- ✓ **Conversational Trip Planning:** Plan your trip by simply talking to the AI—no forms or browsing required.
- ✓ **Personalized Itinerary Creation:** AI suggests tailored flights, hotels, food, and activities based on user input.
- ✓ **Automated Email Delivery:** Sends a complete travel plan to the user's inbox after the conversation.
- ✓ **Voice-First User Experience:** Built for hands-free, intuitive interaction through voice.
- ✓ **Smart Recommendation Engine:** Combines travel data with user preferences for highly relevant suggestions.





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Custom Web/App
Implementation

AI Agent - Database Query Assistant



AI Agent - Database Query Assistant

Industry

AI

Team Size

3 People

Type

Web App

Location

Asia

Time

2 Weeks

Technologies

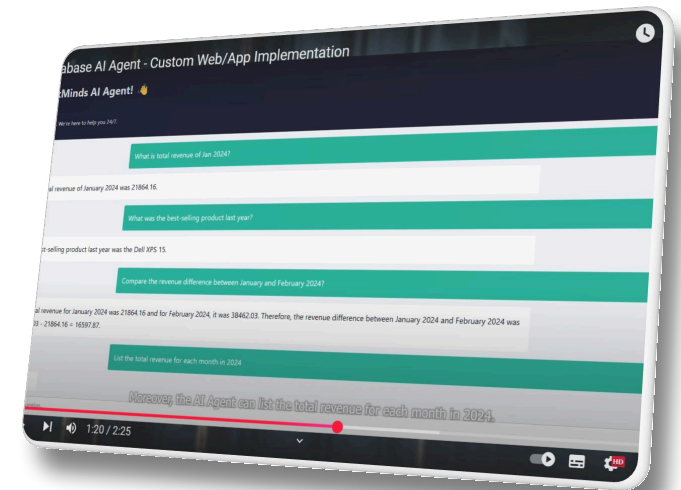
N8n, Pinecone, Elevenlabs, AWS, ChatGPT

Description

The AI DataBot for Telegram is a smart assistant that allows users to interact with a sample database through natural language queries. Integrated with Telegram, the bot instantly fetches and analyzes data, returning results in seconds. It supports exporting reports in multiple formats and visualizes data through auto-generated charts, enabling quick insights and dashboard creation—all within a chat interface.

Key Features

- ✓ **Natural Language Data Querying:** Ask questions in plain text via Telegram and get accurate database results instantly.
- ✓ **Multi-Format Report Exporting:** Export results as CSV, PDF, Excel, or HTML for easy sharing and reporting.
- ✓ **Data Visualization & Chart Generation:** Automatically generates charts and graphs based on query output for intuitive analysis.
- ✓ **Interactive Dashboard Creation:** Builds complete visual dashboards from queried data, ideal for decision-making.
- ✓ **Telegram Bot Integration:** Seamless user experience directly within the Telegram app—no technical skills needed.



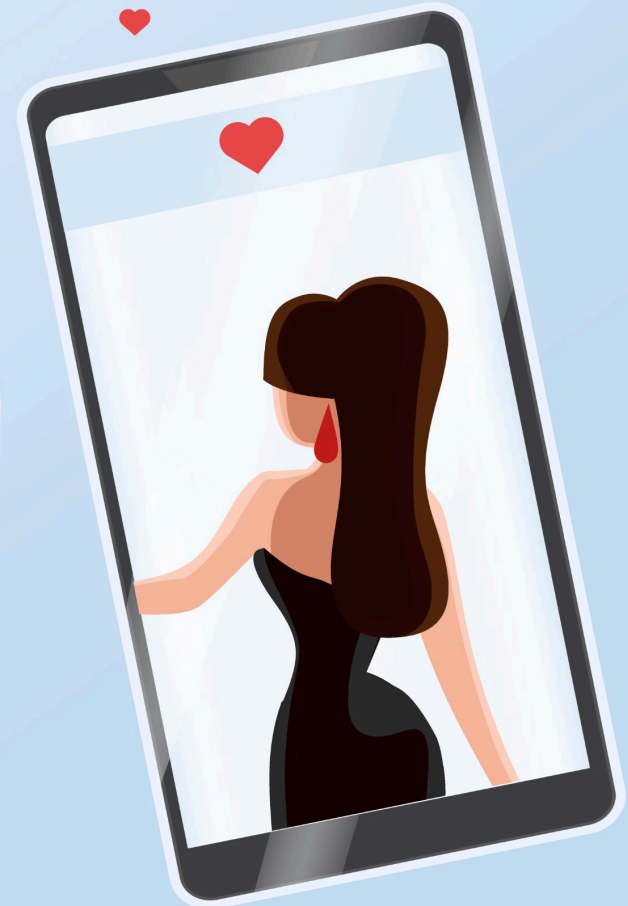


SPARKMINDS

ONLINE dating

Custom Web/App
Implementation

**AI Agent -
Auto Matching
Profile**



AI Agent - Auto Matching Profile

Industry	Team Size	Type	Location	Time	Technologies
AI	3 People	Mobile App	Netherlands	2 Weeks	React-Native, NodeJS, N8n

Description

The Matching AI for Conviconnect is an intelligent matchmaking system that helps users discover compatible partners through personalized AI-driven insights. Users begin by answering 10 questions to help the AI learn about their personality, interests, and strengths. When a match is found, users interact with an AI Assistant to explore the other person's traits before deciding to connect. This approach enhances compatibility and confidence before entering a conversation or date.

Key Features

- ✓ **Personality & Interest Profiling:** Users answer 10 tailored questions to help the AI understand their traits and preferences.
- ✓ **AI Learning & Personalization:** The system builds a unique behavioral model for each user to enable smarter matching.
- ✓ **Smart Matching Engine:** Finds compatible users based on deep-learning insights from personality data.
- ✓ **AI-Powered Match Exploration:** Users can chat with an AI Assistant to learn more about a potential match before connecting.
- ✓ **Enhanced Pre-Date Confidence:** AI provides a summary of compatibility, strengths, and conversation tips to improve dating outcomes.

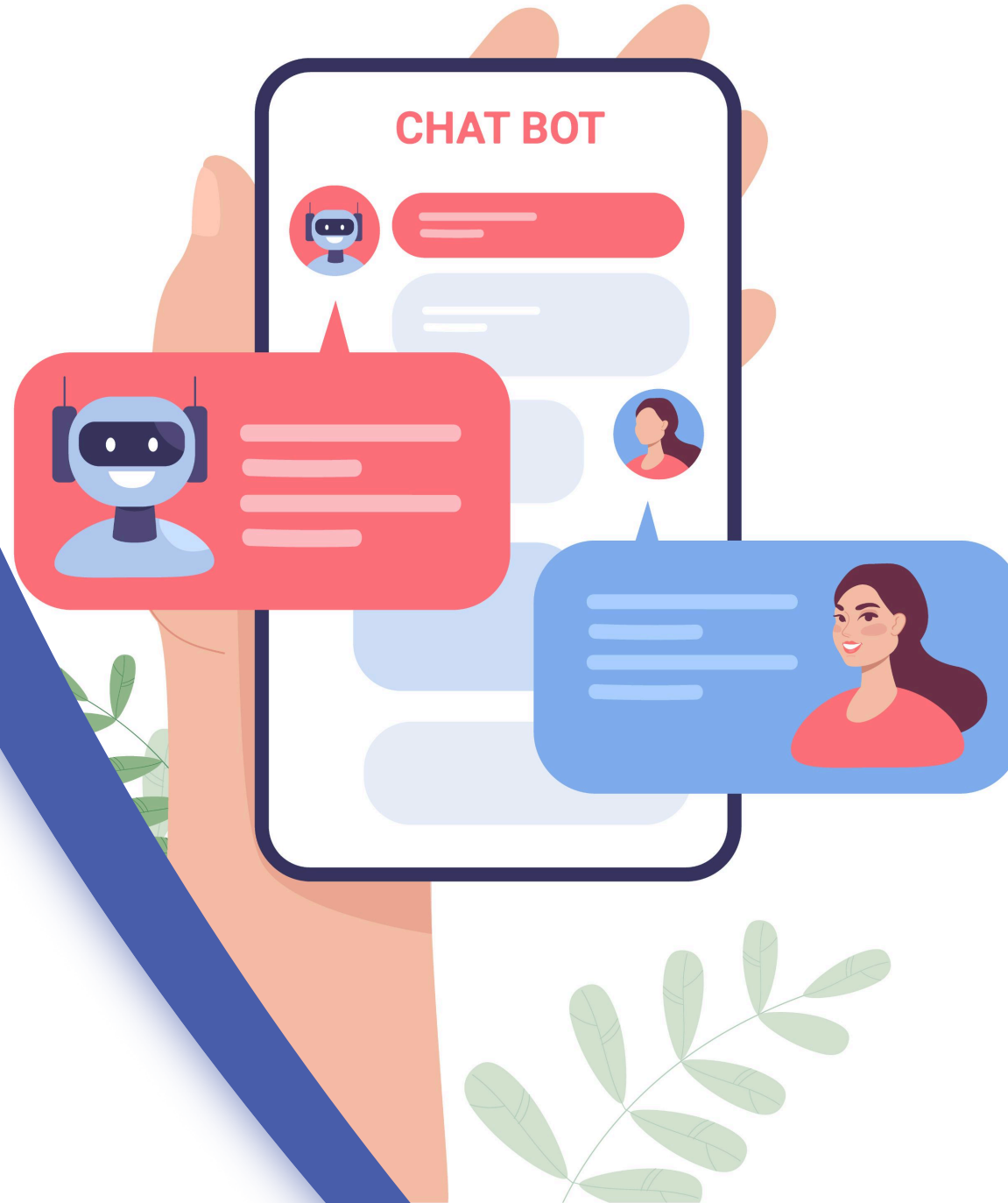




SPARKMINDS

Custom Web/App
Implementation

AI Agent - Chatbot Support Center



AI Agent - Chatbot Support Center

Industry

AI

Team Size

3 People

Type

Web App

Location

Asia

Time

2 Weeks

Technologies

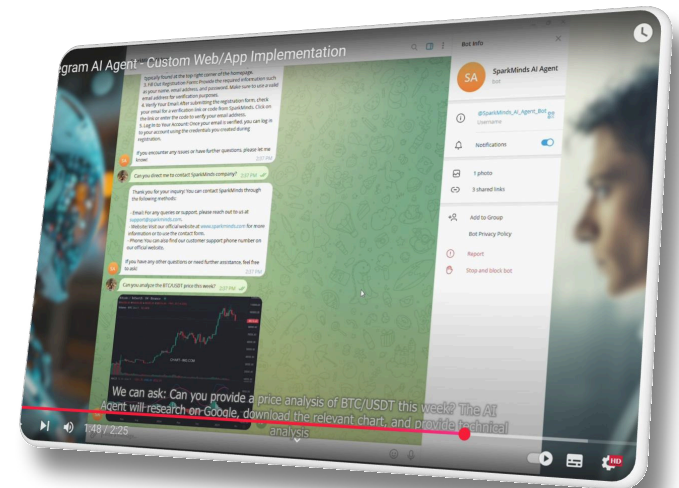
N8n, Pinecone, Elevenlabs, AWS, ChatGPT

Description

The AI Agent is an intelligent virtual assistant designed to help businesses streamline customer support, improve user engagement, and deliver instant, accurate information 24/7. Whether customers need to learn about your company, register an account, get in touch, or access advanced services like trading analysis, the AI Agent responds with context-aware, personalized support. It's a powerful tool for businesses looking to scale communication and grow efficiently in the digital era.

Key Features

- ✓ **Company Information Support:** Responds to questions like company background, services, and office location.
- ✓ **Step-by-Step User Guidance:** Helps users register accounts, verify emails, and log in with clear, interactive instructions.
- ✓ **Multi-Channel Contact Support:** Provides various ways to contact the company: email, website, social media, and more.
- ✓ **Real-Time Trading Analysis:** Offers BTC/USDT price insights using candlestick, MACD, and volume analysis.
- ✓ **Financial Concept Explanation:** Explains technical indicators like MACD, including components, how to interpret signals, and divergence types.
- ✓ **Conversational Query Handling:** Understands natural language and delivers instant, accurate responses across a wide range of topics.





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Info@sparkminds.net

www.sparkminds.net

Floor 3, Moc Gia Building (M.G), 24A Bau Cat 2 Street,
Ward 14, Tan Binh District, Ho Chi Minh City, Vietnam