



APEX AI SOLUTIONS

*Driven by Curiosity,
Powered by Innovation*

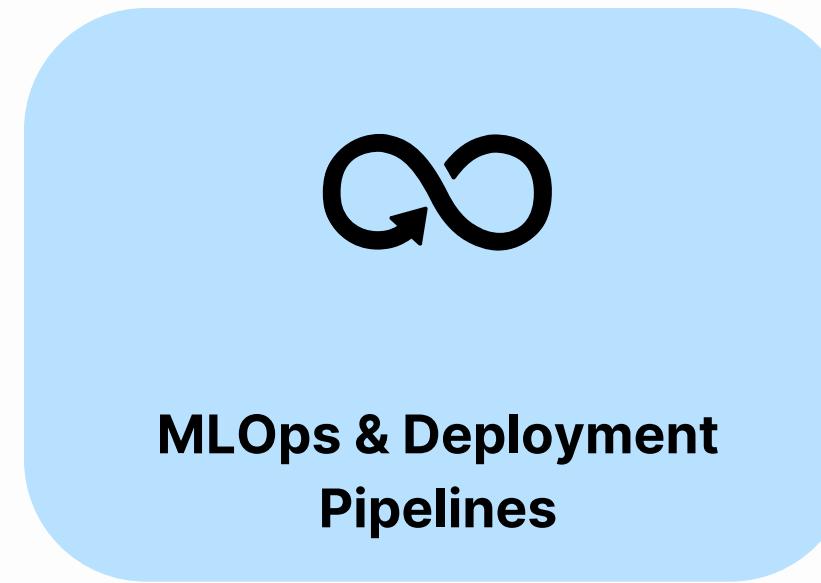
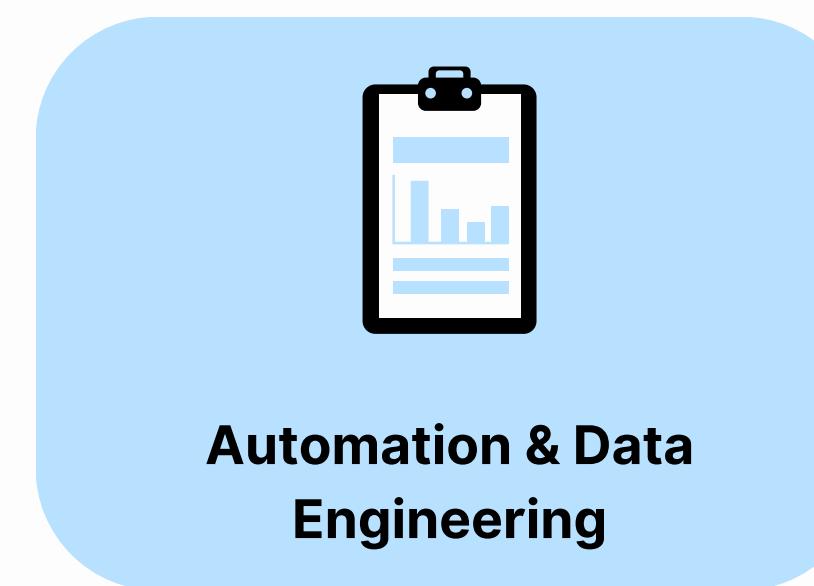
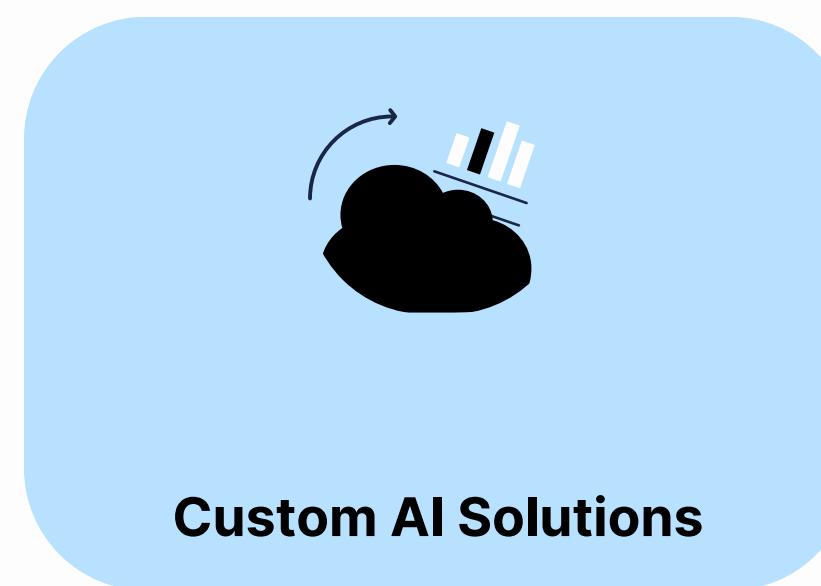
Mission Statement

To build intelligent, scalable, and accessible AI-driven platforms that empower businesses

www.apexai.company



We Build AI-Powered Platforms That Automate,
Analyze & Accelerate Growth and Solve Real
Problems



What We Can **Build** for You

web platforms with integrated ML models

computer vision systems

web scrappers

AI Agents

IoT Intelligent Systems

ETL Pipelines

real-time data dashboards

task automations

Auto-generated reports

data entry pipelines

chatbots



CHATSTORE (SHOPPING AGENT)

1. Agentic functions to perform DBMS operations
2. Natural language to perform SQL queries
3. Powered by Google's Agent Development Kit (ADK)
4. Answer personalised queries such as:
 - a. What did I buy last month?
 - b. Do I have any pending orders?
 - c. Add X items in my cart

<https://github.com/adimail/chatstore>

The screenshot shows a web browser window titled "ChatStore" at "localhost:5000/chatbot". The title bar also shows "Hi, Aditya Godse! ▾". The main area is titled "Chat with our Assistant". A conversation log is displayed:

```
My name is ChatStore assistant. How can I help you today?  
who made you?  
I was developed by Aditya Godse. You can learn more at adimail.github.io.  
can you please add 3 Adjustable Wrench in my cart?  
OK. I've added 3 Adjustable Wrenches to your cart. You now have a total of 6 Adjustable Wrenches in your cart.  
how many items are in my cart as of now?  
Your cart contains 7 items totaling ₹1294.38.  
can you remove the Adjustable Wrench from my cart?  
OK. I've removed the Adjustable Wrench from your cart. Anything else?  
how many items are in my cart as of now?  
Your cart currently contains 1 item: 1 Affect Device. The total is ₹1195.38.  
can you please add 3 Adjustable Wrench in my cart?
```

On the right side, there is a "Chat History" section with a "Clear History" button. Below the history is a message: "Your cart currently contains 1 item: 1 Affect Device. The total is ₹1195.38." At the bottom is a text input field "Type your message..." and a "Send" button.

The screenshot shows a web browser window titled "ChatStore" at "localhost:5000/profile". The title bar also shows "Hi, Aditya Godse! ▾". The main area is titled "Your Profile". It displays "Profile Details" for "Aditya Godse" (adimail@gmail.com) with a member since date of May 13, 2025. Below this is a "Recent Orders" section:

Order #	Date	Status	Total
Order #4	2025-05-14	Pending	₹16.50
Order #3	2025-05-14	Pending	₹298.03
Order #2	2025-05-13	Pending	₹2965.17
Order #1	2025-05-13	Pending	₹1221.38

Below the profile is a "Your Shopping Cart" section:

Cart Items (2)	Subtotal
Affect Device Price: ₹1195.38	Qty: 1 ₹1195.38
Adjustable Wrench Price: ₹16.50	Qty: 3 ₹49.50
Cart Summary	
Subtotal	₹1244.88
Total	₹1244.88

At the bottom right is a green "Proceed to Checkout" button.



TELECOM DATA-PIPELINE

1. Built a telecom analytics pipeline using the ELK stack and Kafka
2. Set up a custom dashboard UI to view KPIs, alerts, and summaries
3. Integrated an AI assistant (Gemini via Google ADK) for querying Elasticsearch

The top screenshot shows the Elastic Stack interface with a pie chart titled "metricbeat". The chart details the distribution of data across four categories:

Category	Percentage
switch-access-05	30.77%
server-app-10	25%
Other	25%
firewall-dmz-01	19.23%

The bottom screenshot shows the AI Network Assistant interface, which identifies itself as "telecomnetworkagent". It provides a summary of its capabilities and lists specific agentic functions it can perform.

AI Network Assistant Summary:

Hello adimail@gmail.com! I'm your AI Network Assistant. How can I help you monitor the telecom system today?

I am telecomnetworkagent, an intelligent assistant for network administrators monitoring a telecom system. I can provide summaries and answer questions about the network's health, alerts, and SLA status using data from Elasticsearch.

Agent Functions:

I can provide you with high-level summaries of the telecom network's health, including information on network stability, system health, RAN performance, and critical trap activity. I can also retrieve recent critical alerts (SNMP traps and high-severity syslogs) and summarize SLA violations by severity level.

My agentic functions are limited to querying and presenting data from the Elasticsearch database. I cannot perform actions on the network itself, such as acknowledging traps or making configuration changes. My actions are limited to using the following tools:

- * `getoverallnetworkstatusexecutor`: Provides a general health overview.
- * `getrecentcriticalalarosexecutor`: Retrieves recent critical alerts.
- * `getslaviolationssummaryexecutor`: Summarizes SLA violations.

<https://github.com/adimail/tndp>



MEDIXPERT AI

1. Dr. Max AI Tutor helps medical students learn via Q&A and smart explanations
2. Auto-generates study material and quizzes from textbooks
3. Radiology Suite reviews and improves medical reports with AI
4. Anonymizes patient data to ensure privacy and compliance (HIPAA, GDPR)
5. Used for education, clinical QA, research, and continuing medical training

github.com/Apex-AI-Company/MedRAX.git

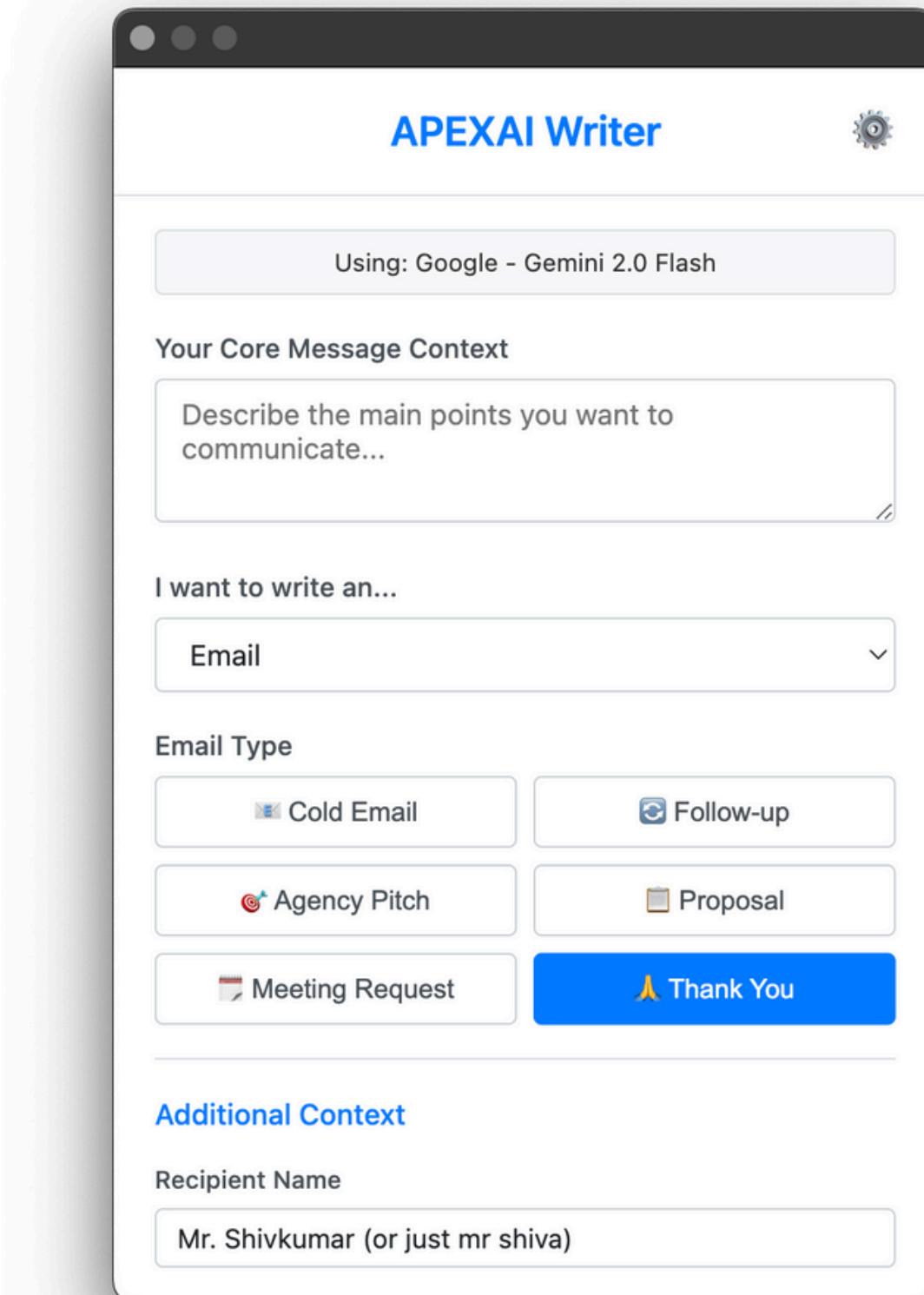
The screenshot shows a mobile application and a web browser side-by-side. The mobile app on the left has a teal header with 'Xervez' and a navigation menu including 'DASHBOARD', 'APPs', and 'Radiology'. The web browser on the right displays a 'Complete Healthcare Solution' page with a 'Radiology' tab selected. It shows a chest X-ray image and a report analysis. A callout box highlights a 'Clarity issue' where the AI suggests specifying which side is hazy based on the original text. Other sections include 'EXAMINATION', 'INDICATION', 'TECHNIQUE', 'COMPARISON', 'FINDINGZ', and 'Description'.

This screenshot shows the same interface as above, but the 'MCQ-practice' tab is selected in the mobile app. The web browser displays a 'Test Results' section with an overall score of 2/8 (25%). It includes a 'Chapter-wise Performance' table with rows for Reproduction (1/2 50%), Genetics and Evolution (0/2 0%), Physiology (0/2 0%), and Applied Biology (1/2 50%). Buttons for 'Retake Test' and 'Generate New MCQs' are at the bottom.



APEXAI WRITER

1. Chrome extension for generating high-quality emails & messages
2. Uses LLMs (OpenAI/Google) with custom tone, length, and context
3. Secure by design – local-only storage, AES encryption, no external servers
4. Tailored for APEXAI's brand voice and communication needs



<https://github.com/adimail/apexai-writer>



ARYABHATTA SEARCH

1. AI search for K-12 to postgrad education.
2. Context-aware results with age-based summaries.
3. Integrates with school and edtech systems.
4. Supports forums, analytics, and recommendations.
5. Built with Next.js, Supabase, Groq, and Google API.

<https://github.com/adimail/aryabhatta-search>

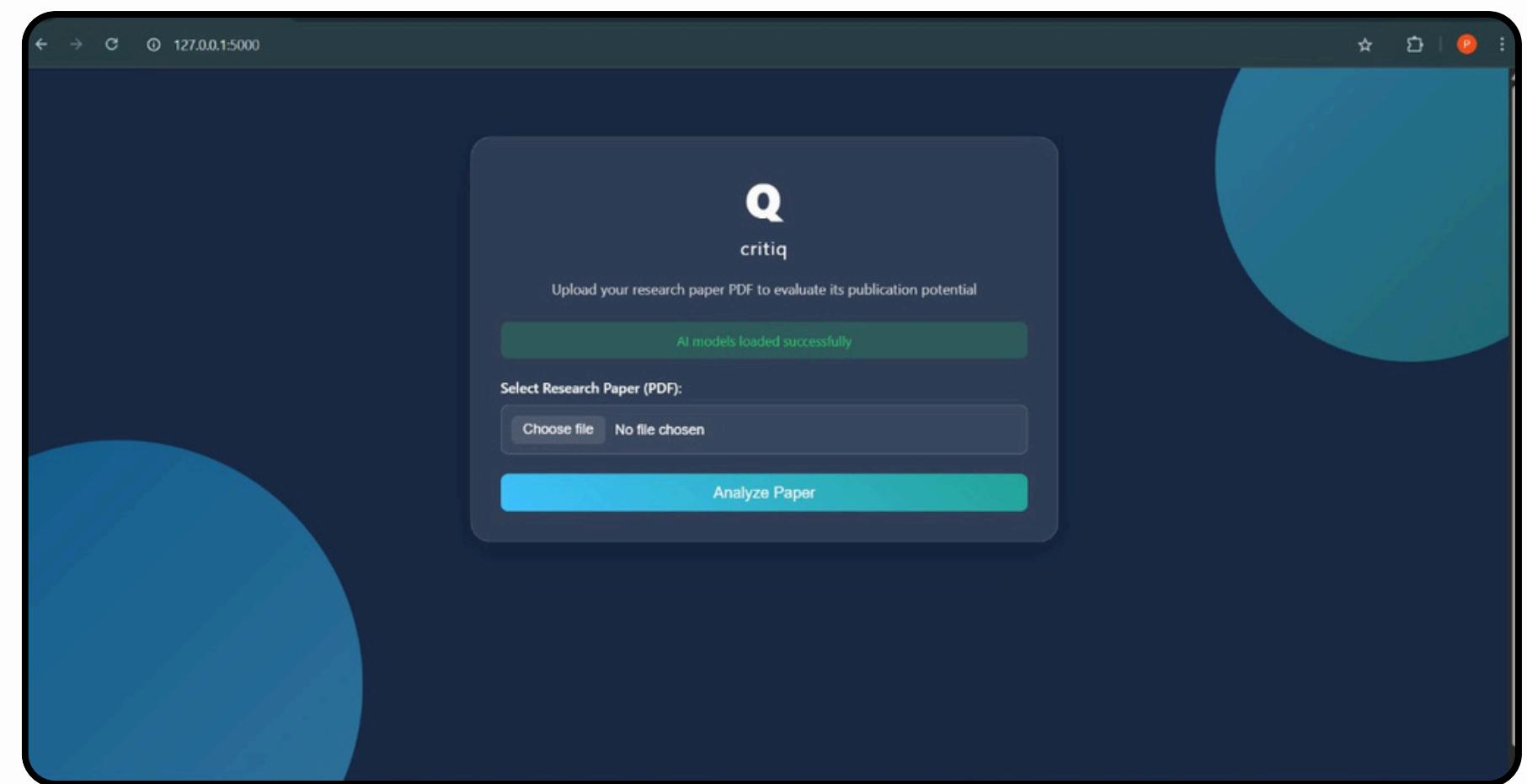
The screenshot shows a search results page titled "Aryabhatta Search". On the left, there's a sidebar with a navigation menu for "Aryabhata life" which includes "Early Life and Education", "Astronomical Contributions", "Mathematical Achievements", and "Impact and Legacy". The main area displays a list of search results under the heading "Top Results". The first result is a link to "Aryabhata - Wikipedia" from en.wikipedia.org. The second result is "Aryabhata | Achievements, Biography, & Facts | Britannica" from www.britannica.com. The third result is "Aryabhata Biography - Introduction, Works, Discoveries, Inventions ..." from www.vedantu.com. The fourth result is "Aryabhata (476-550 CE)" from ramanujancollege.ac.in. The fifth result is "Biography of Aryabhata: A Journey through the Life of ..." from Amazon.com. To the right of the search results, there's a section titled "Images" featuring several small images related to Aryabhata, such as a portrait and various astronomical and mathematical diagrams.

The screenshot shows a detailed summary of the Chain Rule. At the top, there's a search bar with the query "what is chain rule". Below it are dropdown menus for "Select age" and "Education level". The main content area is titled "Summary" and contains a paragraph about the Chain Rule being a fundamental concept in calculus for differentiating composite functions. It also includes a "Structure" section with a bulleted list of topics like "Introduction to Chain Rule", "Mathematical Derivation", and "Applications of Chain Rule". At the bottom, there are sections for "Introduction to Chain Rule", "Mathematical Derivation", and "Applications of Chain Rule", each with its own list of sub-topics.



PUBLICATION CLASSIFIER

1. Auto-classify research papers.
2. Predicts publishability to save review time.
3. Useful for journals, conferences, and labs.
4. Helps screen grant proposals and research topics.
5. Built with SciBERT, Python, and ML models.



<https://github.com/Ayush-Sharma23/research-paper-classifier>



TOXIC-GPT

1. Low-cost AI to spot and fix toxic or biased content.
2. Ensures safer, ethical AI use.
3. Used in social media and chat moderation.
4. Checks bias in text and image outputs.
5. Supports audits of AI behavior in sensitive areas.

github.com/aiism-deeplearning/llm.git

The screenshot shows a dark-themed AI interface titled "AI Assistant". At the top left is a green circular icon with a white plus sign. Below it is a button labeled "+ New chat". The main area displays a conversation:

- User: What are the latest advances in artificial intelligence?
- AI: The main difference between humans and machines is that there is no such thing now. This has nothing whatsoever going on inside of us but what's happening today at work (like computers) will continue until it changes its behaviour over time. A computer doesn't
- User: What is Machine Learning
- AI: You've mentioned machine learning before. Why don't you explain how AI can be used effectively
- User: What do you mean by "machine" like human beings??
- User: How to use AI
- AI: There's only one way - It must learn from mistakes... I think some people might agree.

At the bottom, there's a text input field with "Message AI Assistant..." and a green send button with a white arrow icon.

The screenshot shows a dark-themed AI interface with a blue header bar containing the text "Type below to chat. Use 'Generate Image ...' for images, or upload an image with the button and add a prompt to modify it!". Below this is a green button labeled "Generate Image of Japan". To the right, there is a large image of a traditional Japanese pagoda surrounded by pink cherry blossoms. At the bottom, there is a text input field with "Type your message or 'Generate Image ...' for images" and a blue "Send" button.



MERMAID MIND

1. Generate all types of diagrams from natural language
2. Save diagrams on cloud
3. Share your diagrams with anyone
4. Public gallery for the generations

<https://mermaid-mind.vercel.app>

The screenshot shows the Mermaid Mind web application. On the left, there is a code editor window titled "CODE" containing Mermaid flowchart code. The code defines a main entry point "A>User Enters" leading to various options like "Write their own code", "Edit existing code", "Export Mermaid diagrams", and "Use AI to generate charts". It also includes sections for "AI Usage Group" and "Connections for editing and exporting". On the right, there is a large, complex flowchart diagram titled "User Enters" which branches into "Using AI to Generate Charts" and "Edit existing code". Below the flowchart, there are several input fields and buttons for generating diagrams, including "Ask mermaid mind...", "Provide more details for better charts. Also mention examples if possible", "Include keywords related to the type of diagram and design you want", and "Use relevant keywords". A "Creations" section at the bottom shows a search bar and a list of generated diagrams.

The screenshot shows the Mermaid Mind mobile application. At the top, it says "Public gallery of Mermaid Diagrams" and "Browse for diagram inspirations and add yours". Below this, there is a grid of generated diagrams. One diagram is highlighted with a larger view: "Movie Recommendation System" by Aditya MH11, created 1 year ago. The diagram is a flowchart starting with "Start", followed by "Collect User Data" and "Analyze Viewing History", leading to "Recommendation Engine". Other diagrams visible include "How ESLint improves code quality", "Digestive system", and "Data pipeline for telegram".



SMART HEALTH AI

1. Low-cost AI to spot and fix toxic or biased content.
2. Ensures safer, ethical AI use.
3. Used in social media and chat moderation.
4. Checks bias in text and image outputs.
5. Supports audits of AI behavior in sensitive areas.

github.com/rohitkshirsagar19/multi-disease-predictor.git

MediPredict

Home Dashboard Predict About

Welcome to Health Disease Prediction System

Our advanced machine learning models can help predict the likelihood of various diseases based on your health data. Early detection is key to better health outcomes.



[View Dashboard](#) [Start Prediction](#)

Multiple Disease Models
Our system supports predictions for various conditions including heart disease, anemia, lung cancer, and more.

Patient Dashboard
Track your health metrics, view prediction history, and monitor your progress over time.

AI-Powered Analysis
Our machine learning models provide insights based on the latest medical research.

MediPredict

Home Dashboard Predict About

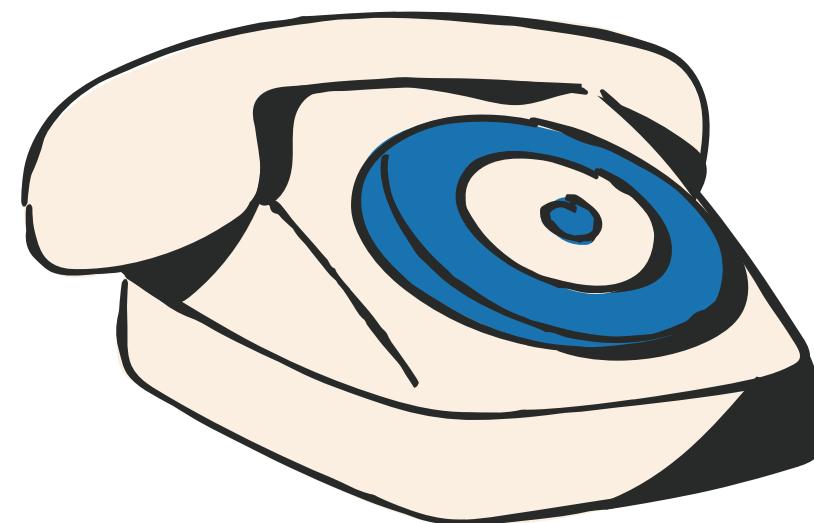
Health Disease Prediction System

Select a disease and enter your health data to get a prediction based on machine learning models. This tool is for informational purposes only and should not replace professional medical advice.

Select Disease

Anemia	Lung Cancer	Hepatitis	Cardiovascular
Thyroid	Heart Disease	Liver Disease	Stroke

Our Team Members



Rohit Kshirsagar

ML Models, MLOps
Docker, Tensorflow & Scikit-Learn

Rishabh Kothari

LLM Finetuning
GenAI, AWS



Ashutosh

Full Stack Development
React, Next.JS, Javascript

Parth Lhase

Web Scrapping
Selenium, Beautiful Soup

Aditya Godse

Cloud & Data
Kafka, Data Pipelines

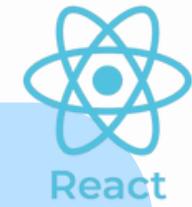


Our hard skills

Technology Stack

Full-Stack Development

React, Node.js, Next.JS, Flask, FastAPI, Streamlit



AI/ML Frameworks

TensorFlow, PyTorch, Scikit-learn, OpenCV



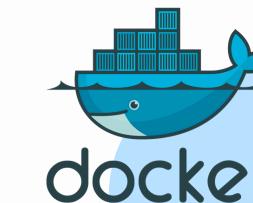
NLP & Vision Models

Transformers (Hugging Face), CNNs



Reinforcement Learning

DQN, PPO, custom control agents



MLOps/DevOps

Docker, GitHub Actions, MLflow, AWS

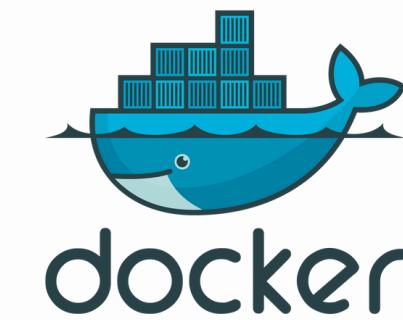
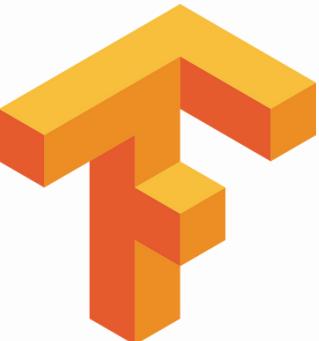
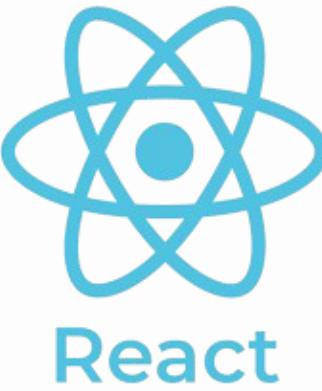


Data Engineering

ETL pipelines, web scraping (Selenium, BeautifulSoup)



Core competencies



Ready to build something impactful together?

Reach out

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APEXAI Solutions