RISHI KAPADIA

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Summary

AI & Full-Stack Developer experienced in building intelligent applications, RESTful APIs, and scalable web solutions. Skilled in AI integration, cloud deployment, and agile collaboration. Adept in Python, JavaScript, and modern frameworks to deliver impactful, high-performance software products.

Education

LJ Polytechnic   **Aug. 2021 – May 2024**
Diploma in Computer Engineering   *Ahmedabad, Gujarat*

LJIET   **Aug. 2024 – Present**
B.E in Computer Science and Engineering   *Ahmedabad, Gujarat*

Experience

Edunet Foundation   **Jan. 2024 – Feb. 2024**
AI Intern   *Remote*

- Participated in an AI & Cloud Computing workshop covering AI model development, API integration, and deployment workflows.
- Worked on guided projects applying AI methodologies for scalability, performance optimization, and cloud hosting.
- Collaborated in a team environment using agile practices and Git-based version control.

Projects

NutriMind | *LangChain, Tesseract, PostgreSQL, Django* | GitHub   July 2025

- Built an AI-powered dietary recommendation system that scans nutrition labels and flags allergens based on medical history.
- Enhanced OCR and LLM integration accuracy by ~25% using Tesseract and LangChain custom retrieval chains.
- Developed modular backend APIs with Django for secure, scalable deployment.

AI-Powered Doc Retrieval & Q&A System | *FAISS, Sentence Transformers, PyMuPDF* | GitHub   July 2025

- Implemented semantic search with FAISS embeddings for PDF/DOCX files, improving retrieval accuracy by ~20%.
- Built FastAPI endpoints with CORS-enabled access for frontend integration.
- Applied text preprocessing (NLTK) and chunking for optimal embedding performance.

AttendEase | *React, Flask, MongoDB* | GitHub   Feb. 2025

- Designed real-time attendance dashboards with automated PDF report generation, reducing manual effort by 40%.
- Created REST APIs and database models for scalable integration with future features.
- Developed modular Flask API architecture to enable scalability and future integrations.

WordWars | *React, Flask, Socket.IO, MongoDB* | GitHub   Jan. 2025

- Developed a real-time multiplayer game with chat and lobby features using Socket.IO.
- Designed a responsive TailwindCSS interface improving engagement by ~30%.
- Implemented game logic, state synchronization to ensure smooth, low-latency interactions across all connected clients.

Technical Skills

Languages: Python, JavaScript, SQL
Frameworks/Libraries: React, Express.js, Django, Flask, Socket.IO, LangChain, Tesseract OCR, Scikit-learn
Cloud/Tools: Docker, Git, GitHub, Google Colab, Postman, MongoDB Atlas
Databases: PostgreSQL, MongoDB

Certifications

Supervised Machine Learning: Regression and Classification (DeepLearning.AI)
Advanced Learning Algorithms(DeepLearning.AI)
Exploratory Data Analysis for Machine Learning (IBM)