

HET SHAH

AI Engineer | Python Developer | Backend Engineer

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PROFESSIONAL SUMMARY

AI-focused Software Engineer with hands-on experience building automation systems, REST APIs, ML-powered applications, and AI integrations using Python, Django, and cloud technologies. Built real-world projects involving Gemini API, workflow automation, predictive analytics, and real-time systems. Strong foundation in backend engineering, DBMS, networking, and scalable problem-solving. Passionate about building AI-driven products that solve real customer problems.

TECHNICAL SKILLS

Languages:	Python, C, C++	AI & LLM:	LangChain, Prompt Engineering, Gemini API, OpenAI API, Pytorch
DataBases:	MySQL, MongoDB, ChromaDB	ML / Data:	Scikit-learn, OpenCV, Pandas, Numpy
Backend:	Django, DRF, Rest APIs, FastAPI	Cloud & Tools:	Docker, GCP, Git, GitHub, Jira, n8n
Core CS:	DSA, OOP, DBMS, OS, RESTful APIs, Networking, RAG		

EXPERIENCE

Software Developer Intern	— Vajravyuh Enterprise	Jan 2026 – Jul 2026
- Built an AI-driven automated lead management system integrating React, workflow automation, and ERPNext - Replaced manual inquiry handling with an end-to-end automation pipeline, reducing response time from hours to seconds. - Collaborated with stakeholders to gather requirements, delivered iterative releases, and maintained production-ready code quality.		

FREELANCE

Full-Stack Developer	— Self Employed	Jul 2026 – Present
- Solar Glass Agency - built a dashboard for managing sales and dashboard to track stock and sales in once place replacing the manual spreadsheet tracking. - Purify Food – built company website and built CRM dashboard using ERPnext to keep track on production sales and finances		

KEY PROJECTS

AI Resume Analyzer	Python · Streamlit · Scikit-learn · Gemini API · SpaCy · OpenCV
- Built an AI-powered ATS resume analyzer capable of evaluating resume-job compatibility and generating recruiter-focused optimization recommendations. - Implemented OpenCV-based document preprocessing and OCR pipelines to support scanned and image-based resumes with improved text extraction accuracy. - Designed an NLP pipeline using spaCy for skill extraction, keyword analysis, and structured parsing of resume content	
Cryptic — Crypto Price Prediction	Python · NumPy · Pandas · Scikit-learn · Matplotlib
- Developed an ML-based cryptocurrency price prediction system with real-time API data ingestion and interactive trend visualisation charts. - Engineered data preprocessing pipelines using Pandas and NumPy integrated live exchange APIs for continuous real-time market data feeds.	
AuraSafe — Women's Safety App	Google Maps API · SMS API
- Built a real-time location-sharing safety application using React Native with Google Maps integration and persistent background location tracking. - Integrated SMS-based emergency alert system to instantly notify trusted contacts; designed an intuitive one-tap SOS flow for rapid activation.	

EDUCATION		CERTIFICATION
B.Tech in Computer Science	2023 – 2026	- ML Workshop — Microsoft - DevOps on Google Cloud — Google - Machine Learning Algorithms — Great Learning - Networking Fundamentals in Cloud
Parul University, Vadodara CGPA: 7.74 / 10		
Diploma in Computer Science	2020 – 2023	
Parul University, Vadodara CGPA: 8.83 / 10		