

HET SHAH

Python Developer | Backend Engineer | ML Enthusiast

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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++	Frameworks:	Django, DRF
Databases:	MySQL, MongoDB	ML / Data:	Scikit-learn, Matplotlib, OpenCV, Streamlit, Numpy, ML Concepts
Cloud & Tools:	GCP, Git, GitHub, Jira, n8n (workflow automation)	Core CS:	DSA, OOP, DBMS, OS, RESTful APIs, Networking

EXPERIENCE

Software Developer Intern — *Vajravyyuh Enterprise* Jan 2026 – Present

- ▶ 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.

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

B.Tech in Computer Science 2023 – 2026

Parul University, Vadodara | CGPA: 7.74 / 10

Diploma in Computer Science 2020 – 2023

Parul University, Vadodara | CGPA: 8.83 / 10

CERTIFICATIONS

- ▶ ML Workshop — Microsoft
- ▶ DevOps on Google Cloud — Google
- ▶ Machine Learning Algorithms — Great Learning
- ▶ Networking Fundamentals in Cloud