Hetkumar Goriya

Software Engineer – Python | AI-ML | FastAPI | Django | PostgreSQL

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PROFILE

Backend Developer with hands-on experience building scalable APIs, microservices, real-time systems, and AI-powered automation using Python, FastAPI, Django, and PostgreSQL. Strong in AsyncIO, query optimization, Redis caching, containerization, and cloud-ready architectures. Experienced in computer vision (OpenCV + MediaPipe), ML pipelines, and production deployment.

SKILLS

Programming Languages: C, C++, Python, SQL, JavaScript, PHP
Frameworks: FastAPI, Django, Flask
Databases: PostgreSQL, MySQL, SQLite, MongoDB
Backend & System Design: RESTful APIs, Microservices, WebSockets, AsyncIO, Query Optimization, API Security (JWT / OAuth2), SQLAlchemy
Tools & DevOps: Git, GitHub Actions, Redis, Linux, Docker (familiar)
AI & Computer Vision: OpenCV, MediaPipe, Scikit-Learn

INTERNSHIP

Software Developer Intern — SKY360.AI
Mangaluru, Karnataka | Jul 2025 – Present
- Built and deployed FastAPI-based production APIs for a high-traffic e-commerce platform.
- Improved performance by 30% with indexing, caching, and SQL optimization.
- Developed secure transaction workflows and integrated payment gateway.
- Designed scalable schemas improving overall performance by 25%.
- Implemented JWT/OAuth2 authentication and hardened API security.
- Built asynchronous microservices using AsyncIO, SQLAlchemy, and Pydantic.

PROJECTS

Real-Time Gesture Controlled Robotic Arm (Remote Access)
Django, WebSockets, OpenCV, MediaPipe, Arduino, PostgreSQL
- Built gesture-controlled robotic system using OpenCV + MediaPipe.
- Implemented WebSockets for low-latency streaming.
- Achieved 95% gesture accuracy.
- Integrated Django backend with Arduino for motor control.

Library Entry–Exit System — Indus University (Live Project)
HTML, CSS, JS, PHP, MySQL
- Developed secure platform for student/staff entry logging.
- Built admin dashboard & real-time logging.
- Optimized MySQL storage for fast retrieval.

Dream11 Fantasy Team Prediction – My Team Generator
PHP, MySQL, Algorithmic Modeling
- Generated 700,000+ team combinations using optimized algorithms.
- Built rule-based prediction model using player metrics.
- Designed clean UI for generating best fantasy teams.

EDUCATION

Bachelor of Technology - Computer Science & Engineering   2023 – 2026 | Ahmedabad, Gujarat
Indus University - 9.18 CGPA

Diploma - Computer Engineering   2020 – 2023 | Rajkot, Gujarat
RK University - 8.05 CGPA

CERTIFICATES

AWS Machine Learning ✐	**Introduction to Python** ✐	**Python Django** ✐
By AWS Academy Graduate	By Infosys Springboard	By Infosys Springboard