

Harshwardhan Yogesh Zalte

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EDUCATION:

Smt. Indira Gandhi College of Engineering

BE in Computer Engineering | 8.0/10

Aug 2024 – May 2027 | Navi Mumbai

K. K. Wagh Polytechnic

Diploma in Computer Technology | 82/100

Aug 2021 – June 2024 | Nashik

EXPERIENCE:

Backend Developer Intern

Arcitech AI | Jul 2025 – Sep 2025 | Navi Mumbai

- Developed scalable **REST APIs** using **Django REST Framework**, reducing API latency by **40%** through **PostgreSQL** query optimization, Redis caching, and asynchronous task processing.
- Designed AI-powered document intelligence pipelines using **LangChain** and Microsoft Graph API, processing **100+ enterprise** documents daily.
- Deployed containerized applications on **AWS EC2** using **Docker** and integrated **Amazon S3** and **HashiCorp Vault** for storage and secure secrets management.
- Implemented asynchronous task processing using **Celery** and **Redis** to improve system scalability.

Software Intern

SUMAGO Infotech | Jun 2023 – Jul 2023 | Nashik

- Developed a full-stack Email Automation System using Django, **React.js**, **MySQL**, and **SMTP**.
- Built secure **REST APIs** with **JWT authentication** and responsive user interfaces using React.js.
- Automated scheduling and delivery of **100+ emails** through workflow optimization.
- Contributed to **Agile** development through testing, debugging, and code reviews.

SKILLS:

Programming Languages: Python, Java, JavaScript, SQL

Backend: Django, Django REST Framework (DRF), FastAPI, Node.js, REST APIs

Frontend: React.js, HTML5, CSS3, Tailwind CSS

Databases: PostgreSQL, Redis, MongoDB, MySQL, pgvector

Cloud & DevOps: AWS (EC2, S3, RDS, IAM), Docker, Git, GitHub Actions, CI/CD, Linux

AI Engineering: RAG, LangChain, Hugging Face, Ollama, LLM Integration (OpenAI, Gemini, Claude)

CS Fundamentals: Data Structures & Algorithms, OOP, Operating Systems, Computer Networks, DBMS

PROJECTS:

EKNA | Enterprise Knowledge Navigation Assistant

[\[Project Link\]](#)

Django, DRF, LangChain, PostgreSQL, pgvector, AWS S3, React.js

- Built a **multi-tenant** knowledge platform with personal and organizational document workspaces.
- Developed **RAG** pipelines for AI search and Q&A across **PDF, DOCX, PPTX, XLSX, & image files**.
- Implemented **RBAC** and organization-based access control for secure collaboration.
- Integrated **AWS S3** and **React.js** for scalable document management and user experience.

NearBasket | Quick Commerce Platform

[\[Project Link\]](#)

Django DRF, PostgreSQL, Docker, AWS, React.js, Ionic

- Developed scalable **REST APIs** for inventory, order, and user management.
- Implemented **JWT authentication** and role-based access control for secure transactions.
- Optimized **PostgreSQL** queries to improve application performance.
- Containerized and deployed applications using **Docker** and **AWS**.

AIDRA | AI Disaster Response Assistant

[\[Project Link\]](#)

FastAPI, Python, Multi-Agent Systems, Gemini API

- Developed a **multi-agent** AI system for emergency request analysis and prioritization.
- Built asynchronous **FastAPI** workflows for real-time incident processing.
- Integrated **Gemini API** for automated classification and resource allocation.
- Implemented fault-tolerant agent orchestration to improve response efficiency.