

Dhwani Vyas

☎ +91 7621092186 | 📍 Gandhinagar, Gujarat | ✉ dhwani.vyas05@gmail.com | 🔗 LinkedIn | 🐙 GitHub | 📁 Portfolio | 🚀 LeetCode

SUMMARY

Computer Science student (CGPA: 9.63) with strong expertise in full-stack development, backend system design, and ML-driven applications. Proficient in Java, Python, TypeScript, Django, FastAPI, and React.js; hands-on experience with Docker, Kubernetes, CI/CD pipelines, and cloud deployment on AWS and Vercel. Delivered 4+ production-ready projects integrating REST APIs, NLP pipelines, RAG architectures, and DevOps automation. Strong foundation in data structures, algorithms, OOP, DBMS, and system design principles.

EDUCATION

Pandit Deendayal Energy University | *B.Tech in Computer Science Engineering* | **CGPA: 9.63** July 2023 – Present

PROJECTS

- CI/CD Pipeline to Kubernetes with Helm** | *Jenkins, Docker, Kubernetes, Helm, DevOps, Shell Scripting* 🐙 2026
- Architected an **end-to-end CI/CD pipeline** using **Jenkins multi-stage pipelines**, automating build, test, containerization, and rollback workflows across **3+ environments**, eliminating manual deployment overhead.
 - Containerized microservices with **Docker** and orchestrated deployments on **Kubernetes** via **Helm charts**; wrote shell automation scripts for image publishing, chart packaging, and **versioned release management**.
 - Integrated **automated health checks and smoke testing** gates into the pipeline, enforcing deployment reliability and reducing post-release defect rate; configured environment-specific **Helm values** for staging and production.
- AI Resume Analyzer & Job Portal** | *Django, Python, PostgreSQL, REST APIs, NLP, Machine Learning* 🚀 🐙 2025
- Built a production-deployed **full-stack job portal** with **Django REST Framework**, supporting resume upload, **NLP-based resume scoring**, and intelligent **candidate-job matching** across 3 user roles (Admin, Recruiter, Candidate).
 - Engineered **NLP pipelines** for keyword extraction, skill gap analysis, and job recommendation; implemented **RBAC authentication** with JWT, securing API endpoints and enforcing role-level data access control.
 - Optimized **PostgreSQL** query performance using indexing and query planning; deployed on **Railway** with environment-based configuration management for scalable, concurrent multi-user access.
- AI Email Automation System** | *Python, RAG, LangGraph, LangChain, FastAPI, ChromaDB, Gmail API* 🐙 2026
- Developed a **backend automation system** integrating **Gmail API** for real-time email ingestion; designed **LangGraph stateful agentic workflows** for multi-class intent classification and dynamic multi-step task orchestration.
 - Implemented a **Retrieval-Augmented Generation (RAG)** pipeline using **ChromaDB** as a vector store for context-aware, semantically grounded response generation across high-volume email threads.
 - Deployed scalable **REST APIs** with **FastAPI** and **LangServe**; optimized data ingestion pipelines for throughput efficiency with sub-second vector retrieval and **LLM-powered** automated reply generation.
- PayZen – Shared Expense Platform** | *Next.js, TypeScript, Prisma, PostgreSQL, Stripe, Auth.js* 🚀 🐙 2026
- Built a **full-stack fintech platform** with wallet provisioning, group ledgers, equal-split expense tracking, and **real-time settlement suggestions** backed by a normalized **PostgreSQL relational schema** spanning 4+ entity types.
 - Integrated **Stripe Checkout API** for secure wallet top-ups and peer-to-peer settlement execution; implemented **multi-provider authentication** (email/password + Google OAuth) with **Auth.js** and secure session management.
 - Designed a modular **TypeScript** codebase with **Prisma ORM** for type-safe, relational data access; deployed on **Vercel** with optimized server-side rendering via **Next.js App Router** for fast, SEO-friendly page loads.

SKILLS

Languages: Java, Python, C++, SQL, JavaScript, TypeScript, HTML, CSS, Shell Scripting
Web & Backend: React.js, Next.js, Node.js, Express.js, Django, FastAPI, REST APIs, TailwindCSS, LangServe
Databases: PostgreSQL, MongoDB, SQLite, Prisma ORM, Supabase, ChromaDB (Vector DB)
AI/ML: TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, NLP, LangChain, LangGraph, RAG, LLM, Prompt Engineering
Cloud & DevOps: Docker, Kubernetes, Helm, Jenkins, CI/CD, AWS, Vercel, Railway, Stripe, Auth.js
CS Fundamentals: Data Structures & Algorithms, System Design, OOP, DBMS, Operating Systems, Computer Networks
Tools: Git, GitHub, Postman, Jupyter Notebook, VS Code

CERTIFICATIONS

IBM AI & Cloud Internship (4 weeks) – Edunet Foundation Aug 2025 [\[link\]](#) **Google Data Analytics** – Coursera July 2024 [\[link\]](#)
AI Fundamentals – IBM SkillsBuild June 2024 [\[link\]](#) **Google AI Essentials** – Coursera July 2024 [\[link\]](#) **Cisco Networking Basics** Aug 2025 [\[link\]](#)

ACHIEVEMENTS

- 1st Runner-up**, Breach'25 Hackathon (48-hour) at PDEU, Gandhinagar; **Top 50 teams** out of 500+, Level Supermind Hackathon'25, Mumbai.
- Conducted a **1.5-hour technical workshop on Python Libraries** for **100+ students**, organized by GeeksForGeeks at PDEU.
- LeetCode:** 500+ problems solved across arrays, trees, graphs, dynamic programming, and binary search.