

KARTIKEY VAGHASIYA

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Full-Stack Developer | [GitHub Profile](#) | [LinkedIn Profile](#)

EDUCATION

B.Tech Computer Science & Engineering, Pandit Deendayal Energy University
Raisan, Gandhinagar 2021 - 2025
CPI: 9.0

Class 12, The Imperial Science School
Dhoraji, Gujarat 2019 - 2021
Percentage: 90.5

INTERNSHIPS

DLTitans, Bengaluru [**Remote**] [**Intern as Fullstack Developer**] May 2024 - July 2024

- Designed and developed a **credit-based API service** using the MERN stack for converting clinical text into FHIR-structured data.
- Integrated a **secure payment gateway** to manage user credits and handle transactional services efficiently.
- Implemented **Docker containerization** to ensure consistent environments during development and testing phases.
- Enhanced website content search and filtering performance using Python parallelism, reducing processing time.
- Integrated a **multi-agent framework** into a legal document assistant, enabling automated suggestions.

PERSONAL PROJECTS

Stayinit - The Easy Way to Accommodation [[Github](#)] [[Stayinit.in](#)] March 2023 - May 2023

- Developed a Hostel and Flat Finding **MERN stack application** with robust OTP-based user authentication and secure email-based password recovery mechanism, database validations, and thorough error handling.
- Integrated core features such as wishlist functionality, advanced filtering options, detailed property viewing, and **Google Maps API** for property locations.
- Achieved **Google Lighthouse scores** of 100/100 for Best Practices and 75/100 for Performance, surpassing top competitors in the Indian real estate listing market.
- Containerized the application using **Docker** for consistent deployment and simplified scalability.
- Deployed backend and machine learning services on **AWS**, ensuring scalability and reliability.
- Set up **GitHub Actions** for CI/CD pipelines to automate deployment workflows.

TECHNICAL SKILLS & INTERESTS

Programming Skills	C, C++, Java, JavaScript, Python
DevTools	Postman, Git, GitHub, VS Code
Frontend	HTML, CSS, JavaScript, React, Tailwind, Backend Integration
Backend	Node.js, Express.js, Mongoose, JWT
Database — Cloud — DevOps	MongoDB, MySQL, Docker, AWS
Areas of Interest	Multi-Agent System Implementation, RAG, Vector Databases
Soft Skills	Adaptability, Collaboration, Problem-Solving