Dharmraj Rathod

Software Engineer

📱 +91-9979793462 ✉ dharmrajrathod98@gmail.com 💼 in/dharmraj-rathod

Education

Indian Institute of Information Technology Vadodara — **Gujarat, India**
Master of Technology (M.Tech) in Computer Science and Engineering — *2020 – 2022*

Government Engineering College (GEC) Bhavnagar — **Bhavnagar, India**
Bachelor of Engineering (B.E) in Computer Engineering — *2016 – 2020*

Professional Experience

Digital Specialist Engineer *INFOSYS* — **Bengaluru, India** *July 2022 – Present*

- **Key Technologies:** Utilized Python, FastAPI, Pydantic, REST APIs, Redis, PostgreSQL, JWT, docker, kafka
- **APIs for Insurance:** Designed and implemented high-performance REST APIs to handle complex business logic in the insurance domain, processing 15K–20K requests daily.
- **DevOps & Testing Automation:** Dockerized microservices and implemented CI/CD pipelines using GitLab, ensuring automated testing with Pytest for unit tests and seamless deployment workflows.
- **Tool Development:** Developed an end-to-end tool to track the complete lifecycle of Control-M jobs from login, job ordering, execution, and monitoring to status reporting, memory cleanup, and logout.
- **Agile Cooperation:** Contributed to Agile collaboration, working closely with cross-functional teams in sprint planning, daily standups, and continuous delivery to achieve project goals efficiently.
- **Mentorship:** Mentored 3–4 members across different teams in tool development, supporting them in requirement analysis and guiding design and implementation phases.
- **AI Enablement:** Gaining hands-on exposure to AI and Generative AI technologies, exploring their applications and developing innovative solutions around real-world use cases.

Projects

Intelligent Chatbot for Document Analysis *INFOSYS*

- **Developed a Gemini LLM-based chatbot**: analyze and extract relevant information from text and PDFs, enhancing data retrieval efficiency using Faiss for fast similarity search.
- **Optimized document processing**: text and PDF parsing, allowing the chatbot to quickly and accurately analyze content and provide insightful responses to business-related queries.

Portfolio *portfolio-link*

- Built a responsive portfolio with React and Chakra UI to showcase skills and projects elegantly

Skills

- **Programming Languages:** Python, Js
- **Technologies:** FastAPI, RESTful Web Services, GenAI
- **Tools:** Gitlab, Docker, Postman, langchain, VScode
- **Database:** Postgres
- **Other Skills:** Algorithms, Data Structures, Object-Oriented Design

Achievements & Certifications

- Qualified GATE (2020)
- B2 in Cambridge English Placement Test
- Received Reward & Recognition from client account at Infosys for outstanding performance and contributions
- Infosys Certified Python Programmer
- Infosys Certified GCP Cloud Data Associate
- Infosys Certified AWS Cloud Practitioner