MARMIK JOSHI

📞 +91-9157602352 | ✉ marmikjoshi52@gmail.com | 🔗 linkedin.com/in/marmikjoshi | ⌨ github.com/marmik-joshi907 | 🌐 marmik907.vercel.app

EDUCATION

SAL Institute of Technology & Engineering Research — Ahmedabad, Gujarat
*Bachelor of Engineering in Computer Science; **CGPA: 9.0/10.0*** — *July 2023 – July 2027*

- Ranked in top 1% of department for consistent academic excellence with 9.0 SPI across all semesters
- Core Coursework: Data Structures & Algorithms, System Design, DBMS, Computer Networks, Operating Systems, Object-Oriented Programming, Compiler Design, Theory of Computation

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, C/C++, HTML/CSS, SQL
Frameworks & Libraries: React, Angular, Next.js, Node.js, Express.js, Flask, Tailwind CSS
Developer Tools: Git, GitHub, MongoDB, PostgreSQL, MySQL, VS Code, IntelliJ IDEA, Postman
Technologies: MERN Stack, RESTful APIs, System Design, Data Structures & Algorithms, OOP, Multithreading
Currently Learning: AWS, Docker, Kubernetes, Quantitative Analysis, Advanced SQL

EXPERIENCE

Management Committee Member — July 2023 – Present
Indian Society for Technical Education (ISTE) — *Ahmedabad, Gujarat*

- Collaborate with cross-functional teams to drive strategic technology initiatives and organizational growth
- Lead discussions on innovation, emerging technology trends, and best practices to enhance member engagement
- Facilitate technical workshops and seminars promoting effective use of modern development tools and methodologies
- Support organizational objectives through effective project management and coordination of technical events

PROJECTS

NeuraAPI | *Python, Flask, REST API, AI/ML, Natural Language Processing*

- Engineered a production-ready RESTful API using Flask providing real-time AI-powered services including text generation, summarization, and natural language processing capabilities
- Implemented efficient request handling and response optimization, reducing API latency by 40% through caching strategies
- Integrated research-grade AI models with comprehensive error handling and rate limiting for scalable deployment

MediLocate | *Mobile Development, Location Services, Database Management, UI/UX*

- Developed a full-stack mobile application helping users locate nearby pharmacies with real-time medicine availability tracking
- Architected location-based search algorithm with geospatial indexing, improving query performance by 60%
- Implemented medication schedule management system with push notifications to improve patient medication adherence

Bug Tracking System | *Java, System Design, MySQL, Project Management, Multithreading*

- Built enterprise-grade bug tracking system in Java centralizing defect reporting, assignment, and resolution workflows
- Designed scalable database schema supporting concurrent users with role-based access control and audit trails
- Implemented priority-based task assignment algorithm optimizing team workload distribution and bug resolution time
- Developed comprehensive reporting module with customizable dashboards and real-time project health metrics

Portfolio Website | *Next.js, React, TypeScript, Tailwind CSS, Responsive Design*

- Designed and deployed a modern, fully responsive portfolio website showcasing projects and technical expertise
- Optimized for performance achieving 95+ Lighthouse scores through code splitting and lazy loading techniques

Achievements & Leadership

Academic Excellence: Achieved consistent 9.0 CGPA placing in top 1% of Computer Science cohort across all semesters

Technical Leadership: Active contributor to ISTE initiatives, organizing technical workshops and coding competitions

Problem Solving: Strong foundation in Data Structures & Algorithms with focus on optimization and efficient code design

Open Source: Regular contributor to open-source projects, maintaining active GitHub profile with multiple repositories