

RICK MISTRI

+91 9064897037 ◊ Vadodara, Gujarat, India
rickmistri04@gmail.com ◊ [LinkedIn](#) ◊ [Portfolio](#)

PROFESSIONAL SUMMARY

Dedicated Computer Science Engineering student with strong expertise in full-stack development using Java and the MERN stack. Demonstrated excellence in developing scalable web applications, mobile solutions, and algorithm implementations with a current CGPA of 7.07/10.0. Proven track record of winning hackathons and leading cross-functional teams. Strong foundation in problem-solving, software architecture, and collaborative development. Seeking to leverage technical expertise and innovative mindset to contribute to impactful software solutions in a forward-thinking engineering environment.

TECHNICAL SKILLS

Programming Languages	Java, JavaScript, Python, Kotlin, HTML5, CSS3, SQL
Frontend Technologies	React.js, React Native, Tailwind CSS, Bootstrap, Responsive Web Design
Backend Technologies	Node.js, Express.js, RESTful APIs, JWT Authentication, Firebase
Databases & Cloud	MongoDB, MySQL, Firebase, Cloud Hosting, Database Design
Tools & Platforms	Git, GitHub, VS Code, Android Studio, Postman, Vercel
Core Competencies	Data Structures & Algorithms, Software Architecture, UI/UX Design, Mobile Development

EDUCATION

Bachelor of Technology in Computer Science and Engineering	<i>Expected May 2026</i>
Parul University, Vadodara, Gujarat	
CGPA: 7.07/10.0 (Current)	
<i>Relevant Coursework:</i> Data Structures & Algorithms, Web Development, Database Management Systems, Operating Systems, Software Engineering, UI/UX Design, Computer Networks	

PROJECTS

Relief Bridge – Emergency Coordination Platform (Live Demo)	<i>2025</i>
Full-stack disaster response platform streamlining emergency coordination across multiple sectors	
<ul style="list-style-type: none">• Architected scalable backend using Node.js, Express.js, and MongoDB with JWT-based authentication• Implemented AI/ML-driven resource matching algorithms and blockchain transparency features• Developed responsive React.js frontend with real-time data synchronization and intuitive user interface• Led UI/UX design and backend architecture in cross-functional 6-member development team• <i>Achievement:</i> Winner at Vadodara Hackathon 5.0 for innovative emergency management solution	
DSA Algorithm Manager (Live Demo)	<i>2025</i>
Interactive web application for Data Structures and Algorithms visualization and testing	
<ul style="list-style-type: none">• Built comprehensive algorithm library including sorting, searching, queue operations, and tree traversals• Developed using React.js with Python backend integration and styled with Tailwind CSS• Implemented interactive visualizations to enhance algorithm comprehension and learning outcomes• Designed modular architecture supporting seamless addition of new algorithms and data structures	

- Developed native Android app using Kotlin with Firebase backend integration
- Implemented secure user authentication and real-time SMS/messaging capabilities
- Optimized for critical emergency situations with minimal response time and intuitive interface

- Integrated HERE Location API for precise navigation and dynamic location-based suggestions
- Collaborated in agile development team to deliver high-performance, user-centric travel solution
- Implemented responsive design ensuring optimal performance across multiple device platforms

ACHIEVEMENTS & AWARDS

- **Winner** – Vadodara Hackathon 5.0 (2024): Led winning team developing smart urban resource management solution.
- **Top 5 Finalist** – HEREvolution Hackathon, BITS Pilani (2023): Recognized among 200+ participants for innovative location-based services implementation.
- **Participant** – ADCET Hackathon Season-II, ADCET Ashta (2024): Designed a tech-driven solution promoting environmental sustainability and social impact during a 2-day hackathon focused on Sustainable Development.

CERTIFICATIONS

- **Computer Networks and Internet Protocols** – NPTEL (2024)
Comprehensive study of OSI/TCP models, IP addressing, routing protocols, and network security
- **Database Management & SQL** – Infosys Springboard (2023)
Advanced database design, normalization, complex query optimization, and real-world application development
- **Advanced Web Application Development with CRUD Operations** – Parul Institute of Engineering (2024)
React.js architecture, component lifecycle, state management, and scalable application design

ADDITIONAL INFORMATION

Languages	English, Hindi, Bengali
Professional Links	GitHub: rick9064 — LeetCode: Problem Solver Profile
Interests	Competitive Programming, Physical Games, Music