

Pratik Rajendra Kolhe

✉ pratikkolhe02.official@gmail.com ☎ 9529302948 [in LinkedIn](#) [GitHub](#)

Summary

Aspiring Software Engineer with a strong foundation in Data Structures and Algorithms using C++ and problem-solving. Proficient in Full-Stack Web Development using the MERN Stack (MongoDB, Express, React, Node.js) with experience building scalable applications. Eager to leverage technical expertise to build impactful digital solutions.

Education

Vellore Institute Of Technology, Bhopal
BTech in Computer Science and Engineering
CGPA: 7.48

Graduation Year: Dec 2027

Projects

CareerPulse – Student Career Dashboard

Tech Stack: React.js, Node.js, MongoDB, Tailwind CSS

- Developed a responsive career tracking platform with React.js and Glassmorphism UI, featuring dynamic opportunity cards updated automatically by backend data.
- Built a robust REST API with Express & MongoDB to handle data ingestion from custom web scrapers, supporting filtering, search, and user subscription logic.
- Integrated Firebase Authentication for secure Google Sign-In and Nodemailer for transactional email notifications, ensuring 0% missed deadlines for users.

SmartSpot: Intelligent Parking Management System

[GitHub Link](#) ↗

Tech Stack: React.js, Node.js, Express, Python, REST APIs

- Engineered SmartSpot, a full-stack automated parking solution visualizing real-time slot occupancy using a React.js dashboard and Node.js backend.
- Integrated ML/IoT detection logic with a responsive web interface via custom RESTful APIs, ensuring instant data synchronization for users.
- Reduced manual monitoring efforts by implementing a dynamic status system (Red/Green indicators) that updates automatically based on sensor inputs.

Skills

Languages: C++, Java, Python, JavaScript, HTML, CSS

MERN Stack & Web: MongoDB, Express.js, React.js, Node.js, Tailwind CSS

Tools: Git, GitHub, VS Code

Certifications

The Bits and Bytes of Computer Networking – Coursera