

# SAURABH YADAV

## SOFTWARE DEVELOPER

📍 Ayodhya | ✉ saurabhyadav.dev.in@gmail.com | ☎ +91 8004064120 | in linkedin/saurabh-yadav-dev |  
🔗 github/saurabh-44 | </> leetcode/saurabh2244 | 🌐 saurabhyadav-ten.vercel.app

## SUMMARY

**Full Stack Developer** skilled in building **responsive web applications** using the **MERN stack**. Proficient in **RESTful APIs**, **authentication systems**, **Gen AI integration**, and **cloud deployment**.

## EXPERIENCE

**Full Stack Developer Intern**, 1stop.ai – Bengaluru, Karnataka Dec 2024 – Mar 2025

- Architected **15+ scalable REST APIs** using the **MVC pattern**, ensuring **99.8% uptime** for daily active users.
- Led backend development for **3+ collaborative projects**, managing **API design** and feature implementation.
- Built a **real-time analytics dashboard** with **multithreaded programming** and **JWT authentication**.
- Reduced production bugs by **40%** through comprehensive **unit testing** using **Jest** and **integration testing**.

**Software Developer Intern**, ByteXL – Vadodara, Gujarat May 2024 – Jun 2024

- Engineered **5+ responsive** React applications with **95% cross-browser compatibility** and a **mobile-first design**.
- Enhanced **SEO performance**, increasing **organic traffic by 25%** through optimization techniques.
- Collaborated in **agile development** with **daily stand-ups**, **sprint planning**, and **code reviews**.

## EDUCATION

**Parul University** – Vadodara, Gujarat Sep 2021 – Jul 2025

B.E. Computer Science Engineering

GPA: 7.79

Applied Mathematics, Discrete Mathematics, Algorithms, Data Structures, Databases, Operating Systems, Computer Networks, Artificial Intelligence, Cloud Computing, Distributed Computing

## PROJECTS

**Acadion – EdTech Platform** [\[GitHub\]](#) | [\[Live Demo\]](#) Jul 2025

- Developed a **full-stack LMS** with a responsive UI, real-time dashboards, and role-specific functionalities for **Admin**, **Instructor**, and **Student** users, tested by **50+ users**.
- Designed and incorporated **JWT auth**, **OTP email verification**, and **RBAC** to safeguard user data and access workflows.
- Integrated **Razorpay** for secure payments and **Cloudinary** for efficient course media storage and management.
- Deployed backend on **AWS EC2** and frontend on **Vercel**, reducing **page load time** by **40%** for improved user experience.

**JobNova – Job Portal Web Application** [\[GitHub\]](#) | [\[Live Demo\]](#) Mar 2025

- Engineered a **full-stack scalable system** with **advanced algorithms**, **real-time notifications**, and **99.8% uptime**.
- Optimized **database queries**, reducing **latency by 45%** with **role-based access control (RBAC)**.
- Launched the application onto the **Render Platform**, featuring **integrated search** and **application tracking systems**.

**FixPilot – Code Reviewer** [\[GitHub\]](#) | [\[Live Demo\]](#) Dec 2024

- Built an **AI-powered code review tool** using **MERN** and **Google Gemini API** for automated code analysis and correction.
- Enabled **real-time feedback** with clean **UI/UX**, allowing users to submit raw code and receive accurate reviews and **AI-generated improvements**, tested with **100+ code snippets** and deployed on **Vercel**.

## TECHNICAL SKILLS

**Languages:** C, C++, Java(Core), JavaScript, TypeScript, SQL

**Frameworks:** Node.js, Express.js, React.js, Tailwind CSS

**Databases:** MongoDB, MySQL, Firebase Firestore

**Tools & Cloud:** Git, GitHub, Postman, Docker, AWS (EC2, Lambda, S3, API Gateway), Vercel, Render, CI/CD

**Operating Systems & Networking:** Linux Internals, TCP/IP, Socket Programming, Networking Concepts

## ACHIEVEMENTS & CERTIFICATIONS

- Completed Walmart USA's Advanced Software Engineering Job Simulation [🔗](#)
- 20+ GitHub Repositories with production-ready full-stack projects and open-source contributions [🔗](#)
- Software Engineering & Project Management – Coursera [🔗](#)
- Data Analytics with Python – NPTEL [🔗](#)
- Databases and SQL for Data Science – IBM [🔗](#)
- Full Stack Web Development – Udemy [🔗](#)