

PRINCE YADUVANSHI

Full Stack Developer (MERN) | Python Automation | AI Integration

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[Portfolio](#) | [linkedin.com/in/prince-yaduvanshi](https://www.linkedin.com/in/prince-yaduvanshi) | github.com/HPRINCE80

PROFESSIONAL SUMMARY

Full Stack Developer skilled in the MERN stack, RESTful API design, and AI API integration, with hands-on experience shipping production-ready applications including a role-based job portal and an AI-powered code review platform. Comfortable across the full project lifecycle — from architecture and backend services to polished, responsive UIs. Strong problem-solving foundation with 200+ DSA problems solved on Striver's SDE Sheet. Currently pursuing B.Tech in Computer Science (2024–2028) and seeking an internship to contribute to real-world engineering challenges.

TECHNICAL SKILLS

Languages	C, C++, Python, JavaScript (ES6+)
Frontend	React.js, HTML5, CSS3, Tailwind CSS, GSAP, Framer Motion, Monaco Editor
Backend	Node.js, Express.js, REST APIs, JWT Authentication, MVC Architecture
Databases	MongoDB, MySQL
AI & APIs	Google Gemini API, Web Speech API
Tools	Git, GitHub, Docker, Postman, VS Code

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University, Lucknow 2024 – 2028

B.Tech in Computer Science | Bareilly, UP

PROJECTS

Job Portal [GitHub ↗](#)

React.js · Node.js · Express.js · MongoDB · JWT · Tailwind CSS

- Built a full-stack job portal with separate dashboards for recruiters and job seekers, supporting job posting, browsing, and one-click applications.
- Implemented secure JWT-based authentication with role-based access control (Admin, Recruiter, Applicant) to protect routes and manage permissions.
- Developed RESTful APIs for job CRUD operations, user profile management, and application tracking using Node.js, Express.js, and MongoDB.

AI Code Reviewer [Live Demo ↗](#)

React.js · Monaco Editor · Node.js · Express.js · Google Gemini 2.5 Flash · Docker

- Engineered a full-stack AI-powered code review platform with a resizable split-panel interface using React and the Monaco Editor (VS Code engine) for an IDE-like experience.
- Integrated the Google Gemini 2.5 Flash API with a custom system prompt to simulate a senior code reviewer, giving feedback on code quality, security, and performance.
- Architected the backend with Node.js and Express.js using a strict MVC pattern (routes → controllers → services) for clean separation of concerns and scalability.

Real-time Collaborative Editor [Live Demo ↗](#)

React.js · Node.js · Express.js · Socket.io · Docker

- Built a real-time collaborative code editor enabling multiple users to write and edit code simultaneously, with changes reflected instantly across all connected clients.
- Implemented WebSocket-based live synchronization using Socket.io for low-latency, bi-directional communication between users.
- Containerized the full application using Docker for consistent development and deployment environments.

ACHIEVEMENTS & ACTIVITIES

- Solved 200+ DSA problems from Striver's SDE Sheet, covering arrays, strings, dynamic programming, trees, and graphs.
- Completed a MERN Stack Development course covering the full project lifecycle from design to deployment.
- Active GitHub contributor with 10+ repositories showcasing personal and academic projects.

INTERESTS

Web Development • Automation Tools • Problem Solving • UI/UX Design • Open Source