Piyush Singh

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SKILLS

Languages:	JavaScript, TypeScript, Python, Java, C++, C
Framework & Libraries:	React.js, Next.js, Node.js, Express.js, Spring Boot, Framer Motion
Databases:	MongoDB, PostgreSQL, MySQL, SQLite
Tools & Platforms:	Git, GitHub, Postman, VS Code, Vercel, Figma
Concepts:	REST APIs, JWT Authentication, Responsive UI Design,
Soft Skills:	Problem-Solving, Team Collaboration, Adaptability, Communication, Time Management

PROJECTS

DriveEasy — Smart Car Rental Platform | React, TypeScript, Node.js, Express.js, MongoDB | GitHub Sep 2026

- Developed a full-stack car rental platform with role-based access, vehicle listings, availability tracking, bookings, and fleet management.
- Connected Socket.io for real-time availability, Stripe for payments, Cloudinary for vehicle images, automated emails, and an AI-powered customer assistant.
- Optimized the responsive React interface with Tailwind CSS and Framer Motion, using MongoDB and PostgreSQL/Prisma for reliable data and transaction workflows.

YojanaSetu — Government Scheme Eligibility Platform | React, Node.js, Express.js | GitHub Jul 2026

- Built a government scheme platform that ranks recommendations using income, occupation, education, gender, category, and disability factors.
- Implemented scheme browsing, advanced filtering, eligibility breakdowns, required documents, application steps, personalized dashboards, and deadline tracking.
- Integrated a Gemini-powered assistant with scheme database context to explain eligibility, documents, application steps, and timelines in plain language.

EduAI — AI Learning & Career Development Platform | React, Node.js, Express.js | GitHub Mar 2026

- Architected an AI-driven learning platform combining intelligent tutoring, adaptive learning paths, study planning, career-roadmap generation, and mock interviews.
- Leveraged Gemini and OpenRouter APIs alongside JWT authentication, PDF extraction, file uploads, REST APIs, and a modular service-layer architecture.
- Automated resume ATS analysis, job-match scoring, DSA learning paths, career tracking, timetable-based study planning, and persistent progress across sessions.

UI/UX Design and Prototyping for Web and Mobile Applications | Certificate Jun 2026 – Jul 2026

Centre for Professional Enhancement, Lovely Professional University — Phagwara, India

- Completed a certified skill-development training in UI/UX design and prototyping for web and mobile applications, graded A.
- Practiced wireframing, high-fidelity prototyping, and usability testing principles to design intuitive user interfaces for responsive web and mobile applications.
- Applied user-centered design methodologies including user research, information architecture, and interaction design to translate concepts into functional prototypes.

CERTIFICATES

Database Management System — Part 1 | Infosys Springboard | Certificate Jul 2026
Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate | Oracle | Certificate May 2026
Programming in JAVA | iamNEO — An NIT Venture | Certificate May 2026

EDUCATION

Lovely Professional University **Phagwara, Punjab**
Bachelor of Technology — Computer Science and Engineering; CGPA: 7.26 Aug 2024 – Present

Sheffield School **Roorkee, Uttarakhand**
Intermediate (PCM) — 66.20% Mar 2023 – May 2024

Sheffield School **Roorkee, Uttarakhand**
Matriculation — 76.40% Mar 2021 – May 2022