

PRATEEK YADAV

Java Full Stack Developer

Portfolio Link: <https://prateekyadav-portfolio.vercel.app>

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EDUCATION

Chhatrapati Shahu Ji Maharaj University Kanpur <i>B.Tech(Information Technology)</i>	Oct 2022 – Present
	CGPA - 8.38/10 (Till 6th Semester)
Saraswati Vidya Mandir Inter College Noorpur Bijnor <i>Intermediate(PCM)</i>	Apr 2020 – Mar 2021
	86.4%
Saraswati Vidya Mandir Inter College Noorpur Bijnor <i>High School</i>	Apr 2018 – Mar 2019
	84%

EXPERIENCE

• AI Azure Intern Microsoft, Edunet Foundation, AICTE (Certificate)	May 2025 – Jun 2025
• Engineered a MERN-based web platform featuring authentication, payments, and optimized data flow, improving data retrieval performance by 20%.	
• Optimized frontend components and core business logic, lowering UI-related defects by 40% and enhancing overall application stability.	

PROJECTS

• Job Portal System ↗️ 🔒 Java, Spring Boot, MongoDB, React	
• Implemented a scalable Spring Boot backend handling 1,000+ job listings and user records with MongoDB-based persistence.	
• Architected MongoDB collections and indexes to enhance job search and application tracking, reducing query response time by 20%.	
• Integrated authentication, input validation, and 10+ secure REST APIs, improving request reliability and reducing invalid data submissions.	
• Quiz Application ↗️ 🔒 Core Java, Swing	
• Developed a Java Swing-based quiz application with timed questions and automated evaluation, supporting 100+ questions per session.	
• Enhanced scoring accuracy and result tracking mechanisms, improving evaluation precision by 25%.	

TECHNICAL SKILLS

Programming Languages: Java, JavaScript

Frontend: HTML5, CSS, React.js

Backend: JDBC, Servlet, RESTful APIs, Spring, Spring Boot

Database: MySQL, SQL, MongoDB

Version Control & DevOps: Git, GitHub

Developer Tools: VS Code, IntelliJ IDEA

ACHIEVEMENTS & CERTIFICATIONS

• Reliance Foundation Scholarship (2023) – Got selected for the Reliance Foundation Scholarship (2023) for academic excellence in a national-level exam, receiving 2,00,000 among top students across India.	
• Competitive Programming – Solved 900+ problems across multiple platforms.	Certificate
• Java Full Stack Development – Code For Success	Certificate
• Generative AI – NPTEL	Certificate
• Data Structures and Algorithms – Infosys	Certificate

EXTRACURRICULAR ACTIVITIES

• Aeromodelling Workshop Attendee (CSJM University, Kanpur) – Assembled an RC aircraft using Coroplast fabrication and applied principles of flight mechanics and control systems during hands-on technical sessions.
• Finalist in General Knowledge Competition – Advanced to the finalist stage among 500+ participants in a state-level competition organized by the Pt. Deen Dayal Upadhyay Centenary Celebration Committee.