PRATEEK YADAV

Java Full Stack Developer

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

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EDUCATION

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

EXPERIENCE

•**AI Azure Intern** | Microsoft, Edunet Foundation, AICTE (Certificate) **May 2025 – Jun 2025**
- Architected image classification workflows using Azure Custom Vision and automated model training pipelines, reducing manual effort by 40%.
- Built and deployed a CNN-based face mask detection system on Azure App Service, achieving 95% accuracy and accelerating model update cycles by 30% using Azure ML tools.

•**Full Stack Web Developer Intern** | WebStack Academy (Certificate) **Sep 2025 – Nov 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
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.
• **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.