

# PRATEEK YADAV

Java Full Stack Developer

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

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## EDUCATION

**Chhatrapati Shahu Ji Maharaj University Kanpur**

*B.Tech(Information Technology)*

Oct 2022 – Present

CGPA - 8.38/10 (Till 6th Semester)

**Saraswati Vidya Mandir Inter College Noorpur Bijnor**

*Intermediate(PCM)*

Apr 2020 – Mar 2021

86.4%

**Saraswati Vidya Mandir Inter College Noorpur Bijnor**

*High School*

Apr 2018 – Mar 2019

84%

## EXPERIENCE

• **AI Azure Intern** | [Microsoft](#), [Edunet Foundation](#), [AICTE](#)

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](#)

Sep 2025 – Nov 2025

- Engineered a full-stack web platform with secure authentication, payment integration, 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, Thymeleaf, CSS, React.js

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

**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 500+ dsa 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.