

PRATEEK YADAV

Java Full Stack Developer

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

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EDUCATION

B.Tech in Information Technology

Chhatrapati Shahu Ji Maharaj University, Kanpur

CGPA: 8.48/10

Oct 2022 – June 2026

Senior Secondary (PCM)

Saraswati Vidya Mandir Inter College, Noorpur, Bijnor

Percentage: 86.4%

Apr 2020 – Mar 2021

Secondary School

Saraswati Vidya Mandir Inter College, Noorpur, Bijnor

Percentage: 84%

Apr 2018 – Mar 2019

SKILLS

• Technical Skills:

Programming Languages: Java, JavaScript, TypeScript, SQL

Core Concepts: OOP, Collections Framework, Exception Handling, Multithreading, File Handling

Frontend Technologies: HTML5, CSS3, Tailwind CSS, Thymeleaf, React.js

Backend Technologies: J2EE, Spring Framework, Spring Boot, Hibernate/JPA, JDBC, Servlets, RESTful APIs, MVC Architecture

Databases: MySQL, MongoDB

DevOps & Tools: Git, GitHub, Maven, Postman, IntelliJ IDEA, VS Code, Eclipse

CS Fundamentals: Data Structures & Algorithms, DBMS, Operating Systems

Software Development Practices: SDLC, Agile Methodology (Scrum), Sprint Planning, Requirement Analysis

• Behavioral Skills:

Clear professional communication, adaptability to new tools and technologies, effective multitasking within defined timelines, and logical, structured decision-making.

EXPERIENCE

• Java Programming | CodSoft

July 2024 – Aug 2024

ATM Interface System

Role: Java Programmer

- Designed and built a console-based ATM interface system in Core Java with secure PIN authentication, balance inquiry, cash withdrawal, and deposit features.
- Utilized OOP principles, Java collections, and file handling to deliver modular, reusable code with robust exception management.

• Full Stack Web Developer Intern | WebStack Academy

Sep 2025 – Nov 2025

Stay Finder

Role: Full Stack Web Developer

- Built a location-based hotel booking web application with verified user access, real-time availability search, and integrated payment workflow.
- Enhanced responsive UI and scalable backend services, improving API performance and overall user experience by 40% through clean architecture and efficient state handling.

PROJECTS

• Job Portal System | Java, Spring Boot, MongoDB, React.js, Maven, RESTful APIs

- Built a scalable recruitment platform enabling seamless interaction between recruiters and candidates across 1,000+ job listings.
- Refined MongoDB schemas using efficient indexing strategies, improving search and application tracking performance by 20%.
- Developed secure and modular REST APIs using DTO patterns across 10+ endpoints.
- Enabled React-based filtering for job location, role, and skills, improving usability and data accessibility.

• YouTube SEO Tools (SaaS) | Java, Spring Boot, React.js, Docker, YouTube Data API

- Designed a full-stack SaaS platform to enhance YouTube content discoverability through metadata extraction and SEO-driven keyword generation.
- Containerized backend services using Docker multi-stage builds to ensure consistent deployments and reduced image size.
- Devised automated SEO scoring logic that increased keyword relevance accuracy by 25% using comparative metadata analysis.

• Integrated HRM System | Java, Spring Boot, React.js, MySQL, Maven

- Executed a full-stack HRM application using Controller-Service-Repository architecture for scalability and maintainability.
- Architected a protected user portal with secure authentication and session handling via React functional components.
- Delivered RESTful endpoints to synchronize employee operations with frontend through asynchronous API calls.
- Improved data persistence by crafting optimized database schemas and leveraging Spring Data JPA.

ACHIEVEMENTS & CERTIFICATIONS

• Reliance Foundation Scholarship: Selected for the Reliance Foundation Scholarship (2023) and awarded Rs. 2,00,000.

Certificate

• Competitive Programming: Solved 600+ DSA problems; 1500+ LeetCode rating and 2-Star CodeChef.

Certificate

• Java Full Stack Development – Code For Success

Certificate

• Generative AI – NPTEL

• Data Structures and Algorithms – Infosys

Certificate