PRATEEK YADAV

Java Full Stack Developer

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

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EDUCATION

B.Tech in Information Technology **CGPA: 8.48/10**
Chhatrapati Shahu Ji Maharaj University, Kanpur *Oct 2022 – June 2026*

Senior Secondary (PCM) **Percentage: 86.4%**
Saraswati Vidya Mandir Inter College, Noorpur, Bijnor *Apr 2020 – Mar 2021*

Secondary School **Percentage: 84%**
Saraswati Vidya Mandir Inter College, Noorpur, Bijnor *Apr 2018 – Mar 2019*

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, 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

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 featuring secure PIN authentication, balance inquiries, cash withdrawals, and deposit operations.
- Applied OOP principles, Java collections, and file handling techniques to create modular, reusable code with robust exception handling.

• **Full Stack Web Developer Intern** | WebStack Academy **Sep 2025 – Nov 2025**
Stay Finder *Role: Full Stack Web Developer*
- Engineered a location-based hotel booking web application featuring verified user access, real-time availability search, and an integrated payment workflow.
- Optimized responsive UI and scalable backend services, enhancing API performance and improving overall user experience by 40% through efficient state management and clean code practices.

PROJECTS

• **Job Portal System** ↗ ○ | Java, Spring Boot, MongoDB, React.js, Maven, RESTful APIs
- Engineered a scalable recruitment platform enabling seamless interaction between recruiters and candidates across 1,000+ job listings.
- Refined MongoDB schemas using efficient indexing strategies, improving job search and application tracking performance by 20%.
- Architected secure and modular REST APIs using OOP principles and DTO patterns across more than 10 endpoints.
- Integrated React-based filtering for job location, role, and skills, enhancing user experience and data accessibility.

• **YouTube SEO Tools (SaaS)** ↗ ○ | Java, Spring Boot, React.js, Docker, YouTube Data API
- Created a full-stack SaaS platform to enhance YouTube content discoverability by extracting hidden metadata and generating SEO-focused keywords.
- Containerized backend services using Docker with multi-stage builds to ensure consistent deployments and reduced image size.
- Created automated SEO scoring logic that increased keyword relevance accuracy by 25% through comparative metadata evaluation.

• **Integrated HRM System** ↗ ○ | Java, Spring Boot, React.js, MySQL, Maven
- Executed a full-stack application utilizing Modular Design (Controller-Service-Repository) for scalable and maintainable code.
- Architected a protected user portal featuring robust authentication and session management via React functional components.
- Developed RESTful endpoints to streamline employee data operations, synchronizing them with the frontend through asynchronous API calls.
- Optimized data persistence by crafting efficient database schemas and leveraging Spring Data JPA for seamless information retrieval.

ACHIEVEMENTS & CERTIFICATIONS

• **Reliance Foundation Scholarship:** Selected for the Reliance Foundation Scholarship (2023) and awarded Rs. 2,00,000.
• **Competitive Programming**: Solved 600+ DSA problems; 1500+ LeetCode rating and 2-Star CodeChef.
• **Java Full Stack Development** – Code For Success **Certificate**
• **Generative AI** – NPTEL **Certificate**
• **Data Structures and Algorithms** – Infosys **Certificate**