

ALOK KUMAR SAW

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AlokKumarSaw

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Portfolio

OBJECTIVE

Final-year Computer Science and Engineering student with practical experience in Java, Spring Boot, and full-stack development. Skilled in building RESTful APIs and secure web applications. Seeking to apply and enhance my skills as a backend or full-stack developer in a growth-oriented environment.

EXPERIENCE

HulkHire Technology *Certificate*

April 2025 – May 2025

Java Developer Intern, Project: Payment Integration System (Remote)

- Finalized integration plan after exploring PayPal Standard Checkout documentation and collaborating with the team.
- Developed paypal-provider-service integrating with PayPal REST APIs: Create Order, Capture Order, Show Order.
- Secured API communication using OAuth 2.0 (Client Credentials grant).
- Implemented Redis cache to optimize access token management for outbound API calls.

PROJECTS

Movie Watchlist App | Java, Spring Boot, OMDB API, Thymeleaf, H2 Database

[GitHub Link](#)

- Developed RESTful APIs to fetch and post movie data from OMDB API, enhancing user interaction by 30%.
- Built backend using Spring Boot and H2 Database for fast in-memory storage, improving performance by 20%.
- Designed dynamic, responsive UI using Thymeleaf, enhancing user experience by 25%.

EduTech Pro | Java, Spring Boot, Spring MVC, React.js, MySQL

[GitHub Link](#)

- Built a full-stack course management system using Spring Boot and React.js, improving user interaction and data accessibility by 40%.
- Created RESTful CRUD APIs to enhance client-server communication, increasing backend efficiency by 35%.
- Integrated MySQL with optimized queries, reducing retrieval time by 30% and improving frontend-backend flow.

TECHNICAL SKILLS

Programming Languages: Java, C/C++, Python

Web Technologies: HTML, CSS, JavaScript, JSP, Servlet, Thymeleaf, Bootstrap, React

Frameworks: Spring Boot, Hibernate

Database: MySQL, PostgreSQL, MongoDB

Tools and Platform: Git, GitHub, Vs Code, Eclipse, Postman, Docker.

EDUCATION

RAMGARH ENGINEERING COLLEGE, RAMGARH

2021 - 2025

B.Tech in Computer Science and Engineering - **CGPA: 7.65**

Ramgarh, Jharkhand

P.K. ROY MEMORIAL COLLEGE, DHANBAD

2019 - 2021

Intermediate in Science - **Percentage: 72.6%**

Dhanbad, Jharkhand

CERTIFICATIONS

Data Structures and Algorithms Using Java — Elite + Silver Batch, NPTEL - IIT Kharagpur

[Certificate](#)

Java With DSA and System Design — Physics Wallah

[Certificate](#)

ACHIEVEMENTS

Placed 1st in Quiz-A-Thon 5.0 at our College — Udaan Coding Club

[Certificate](#)

Solved 250+ DSA Questions on LeetCode, GFG, HackerRank, CodeChef

[Profile](#)