

ASHUTOSH SWAIN

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PROFESSIONAL SUMMARY

Java Full Stack Developer with hands-on experience in building RESTful applications using Java, Spring Boot, Hibernate, MySQL, and React. Strong understanding of backend architecture, JWT-based authentication, and database design. Skilled in problem-solving, API development, and building scalable applications. Passionate about writing clean code and learning new technologies.

EDUCATION

Biju Patnaik University of Technology

MCA - CGPA - 8.5

2023 – 2025

Rourkela, Odisha

Bhadrak Autonomous College

BSc. Computer Science - CGPA - 8.2

2020 – 2023

Bhadrak, Odisha

COURSEWORK / SKILLS

- **Training:** Completed Java Full Stack Development Training from JSpiders
- **Java:** OOP, Collections, Exception Handling, Multithreading, Streams & Lambdas, File Handling, JDBC
- **Spring Boot:** REST APIs, Dependency Injection, MVC, JPA, Validation, Exception Handling, Spring Security
- **Hibernate/JPA:** Entity Mapping, JPQL, Lazy/Eager Loading, CRUD, Transactions
- **MySQL:** Joins, Constraints, Normalization, Indexes, Queries
- **Frontend:** HTML, CSS (Flexbox, Grid), JavaScript, React
- **Tools & Platforms:** Git, GitHub, Postman, Maven, IntelliJ IDEA, Eclipse IDE, VS Code

PROJECTS

Full-Stack Job Recommendation System | Java, Spring Boot, MySQL, REST APIs, JWT

- Developed a full-stack job recommendation platform serving role-based users (Admin, Employer, Applicant).
- Engineered RESTful APIs using Spring Boot for user management, job postings, applications, and recommendation workflows.
- Designed MySQL schema with normalized tables and optimized queries for fast and efficient job matching.
- Built a responsive React.js interface with dashboards, advanced search filters, and applicant management tools.
- Implemented a scoring algorithm evaluating skill relevance, prior experience, and keyword similarity to generate accurate job recommendations.
- Reduced manual job search effort by automating skill-based job matching logic.
- Secured backend APIs using JWT authentication and role-based authorization.

E-Commerce Product Management System | React.js

- Developed a React.js-based E-Commerce Product Management System with separate Admin and User modules, implementing OTP-based authentication, role-based access control, and full CRUD operations for efficient product management.
- Designed and implemented a responsive and user-friendly interface using Bootstrap, reusable components, and a modular component-based architecture to ensure scalability and maintainability.

INTERNSHIP

Elevate Lab

Java Developer

July 2025 – August 2025

Bengaluru, Karnataka

- Delivered 8 minor and 1 major Java-based applications using Core and Advanced Java concepts.
- Worked on REST API development, database connectivity, and object-oriented design patterns.
- Designed modular application structures improving code maintainability and reusability.
- Collaborated with team members through code reviews, debugging sessions, and technical discussions to elevate code quality.

CERTIFICATIONS

Completed NPTEL courses from IIT Kharagpur and IIT Guwahati: IoT (84%, Elite Silver), MIS (80%, Elite Silver), Cloud Computing (75%, Elite), and Artificial Intelligence (75%, Elite).