

JITENDRA KUMAR SWAIN

Full Stack Java Developer

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PROFESSIONAL SUMMARY

MCA graduate specializing in **Full-Stack java Development** with expertise in the **MERN stack (MongoDB, Express.js, React, Node.js)**. Strong foundation in **Object-Oriented Programming (OOP)**, **Data Structures**, and **Algorithms**. Experienced in designing, developing, and deploying **scalable web applications**, including **responsive front-end interfaces** and **secure back-end APIs**. Proficient in using **modern frameworks, databases, and version control tools** to build efficient, maintainable software solutions.

TECHNICAL SKILLS

Languages: Java, JavaScript (ES6+), Python

Frontend: React, HTML5, CSS3, Responsive Web Design

Backend: JDBC, Node.js, Express.js, RESTful APIs, WebSockets

Databases: MongoDB, MySQL, SQL

Tools & Methodologies: Git, GitHub, OOP, Data Structures & Algorithms, Agile Concepts

PROJECTS

- **Hospital Management System | Java, JDBC, MySQL**

Developed a robust desktop application to streamline hospital operations, reducing data entry time by an estimated 20% through an intuitive UI.

Utilized core Java, OOP principles, and JDBC to ensure secure and efficient CRUD operations for patient records, appointments, and doctor schedules in a MySQL database.

- **Book Store Management System | MERN Stack**

Engineered a full-stack e-commerce platform with 10+ core functionalities, including user authentication (JWT), and product categorization, leading to a seamless user experience.

Developed a RESTful API using Node.js and Express.js to manage CRUD operations for over 500 book entries and user profiles in a MongoDB database.

Designed a responsive, component-based UI in React that reduced initial load times by 15% through efficient state management.

- **Chattrix - Real-Time Chat Application | MERN Stack**

Architected a real-time messaging application supporting instant one-on-one conversations with sub-500ms latency by implementing a WebSockets-based backend.

Implemented a scalable Node.js and Express.js server to handle user authentication and message persistence in MongoDB.

Built a responsive frontend in React to manage user sessions and render conversations, handling up to 50 concurrent users in testing.

PROFESSIONAL TRAINING

Octanet Services Pvt. Ltd. | Web & Java Development Intern | Jul 2024 - Sep 2024

Implemented 2 core Java applications, applying OOP principles and data structures to solve complex algorithmic problems.

Contributed to the development and deployment of 3 responsive web applications using PHP and MySQL, enhancing features for user interaction.

Utilized Git and GitHub for version control and collaboration, participating in code reviews to maintain code quality.

EDUCATION

Master of Computer Applications (MCA)

Trident Academy of Technology, Bhubaneswar, Odisha | May 2025

Bachelor of Science (B.Sc.), Mathematics

Godavarish Mahavidyalaya, Banapur, Khordha, Odisha | May 2023