

Himanshu Sekher Padhy

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PROFESSIONAL SUMMARY

Final-year B.Tech CSE student skilled in Java, Spring Boot, Node.js, React, SQL, and full-stack application development. Experienced in building scalable backend services, RESTful APIs, authentication and security workflows, and responsive front-end interfaces through academic projects and internships. Strong in DSA, OOP, debugging, Git, and Agile development practices, seeking roles in Software Engineering, Full-Stack Development, or Java Backend Engineering.

EDUCATION

Gandhi Institute for Technological Advancement

B.Tech in Computer Science & Engineering

Bhubaneswar, Odisha

CGPA: 9.55 2022 – 2026

Jupiter Public School

Higher Secondary Education (CHSE), Science

Bhubaneswar, Odisha

Percentage: 89.5% 2019 – 2021

Saraswati Sishu Vidya Mandir

Secondary Education (BSE Odisha)

Semiliguda, Koraput, Odisha

Percentage: 85.5% 2009 – 2019

TECHNICAL SKILLS

Programming Languages: Java, C, Python (Basics), JavaScript, TypeScript

Frontend Development: HTML5, CSS3, Bootstrap, Tailwind CSS, React.js

Backend & Frameworks: Node.js, Express.js, Spring Boot, RESTful APIs, Microservices (Basics)

Databases: SQL, MySQL, MongoDB (Basics), PostgreSQL (Basics)

Tools & Platforms: Git, GitHub (Version Control), GitHub Actions (Basics), Postman, VS Code, IntelliJ IDEA, Eclipse

Cloud & Deployment: Docker (Basics), AWS (EC2, S3), Linux Commands

Core: DSA, OOP, Agile, Debugging, System Design Fundamentals, UI/UX Prototyping (Figma, Canva)

PROJECTS

School Management System

Remote Jun 2024 – Aug 2024

- About:** A full-stack web application enabling seamless academic data management for students, teachers, and administrators, improving workflow efficiency and information accessibility.
- Role:** Developed end-to-end modules using HTML, CSS, JavaScript, MySQL, and REST APIs, implementing secure role-based authentication and contributing to a robust, scalable system aligned with Agile practices.
- Tech Stack:** HTML, CSS, JavaScript, MySQL, REST APIs, Git, Agile/Scrum and CI/CD.

Hospital Management System

NALCO, Damanjodi May 2025 – Jun 2025

- About:** A scalable hospital management platform designed to manage patients, doctors, appointments, billing, and analytics with a modular, microservices-driven architecture.
- Role:** Built core frontend and backend features using React, Tailwind, Redux Toolkit, Spring Boot, MySQL, and JWT authentication, delivering secure REST API integration, real-time analytics, and cloud-ready deployment.
- Tech Stack:** React, TypeScript, Tailwind, Redux Toolkit, Spring Boot, Spring Security (JWT), MySQL, Eureka, Nivo, ApexCharts, Git.

INTERNSHIPS

Vocational Trainee (Systems Department) – NALCO M&R Complex

Damanjodi, Odisha May 2025 – Jun 2025

- Built production-level HMS modules using React, Tailwind, Spring Boot, and MySQL, implementing patient management, appointment scheduling, and billing workflows.
- Integrated JWT-based role authentication, improved API performance, and contributed to Agile sprint deliverables.
- Improved API response time by 20% by optimizing SQL queries and reducing redundant data processing.

CERTIFICATIONS

Full-Stack Web Development Bootcamp (Udemy)

Java Programming Masterclass (Udemy)

Data Structures and Algorithms Specialization (Coursera)

INTERESTS

Open-Source Contributions, System Design Practice, DSA and Competitive Coding, UI/UX Design, Music, Digital Art and 2D Animation