

# 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

<b>Gandhi Institute for Technological Advancement</b> <i>B.Tech in Computer Science &amp; Engineering</i>	Bhubaneswar, Odisha CGPA: 9.55 2022 – 2026
<b>Jupiter Public School</b> <i>Higher Secondary Education (CHSE), Science</i>	Bhubaneswar, Odisha Percentage: 89.5% 2019 – 2021
<b>Saraswati Sishu Vidya Mandir</b> <i>Secondary Education (BSE Odisha)</i>	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

<b>School Management System</b>	Remote Jun 2024 – Aug 2024
<ul style="list-style-type: none"><li><b>About:</b> A full-stack web application enabling seamless academic data management for students, teachers, and administrators, improving workflow efficiency and information accessibility.</li><li><b>Role:</b> 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.</li><li><b>Tech Stack:</b> HTML, CSS, JavaScript, MySQL, REST APIs, Git, Agile/Scrum and CI/CD.</li></ul>	
<b>Hospital Management System</b>	NALCO, Damanjodi May 2025 – Jun 2025
<ul style="list-style-type: none"><li><b>About:</b> A scalable hospital management platform designed to manage patients, doctors, appointments, billing, and analytics with a modular, microservices-driven architecture.</li><li><b>Role:</b> 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.</li><li><b>Tech Stack:</b> React, TypeScript, Tailwind, Redux Toolkit, Spring Boot, Spring Security (JWT), MySQL, Eureka, Nivo, ApexCharts, Git.</li></ul>	

## INTERNSHIPS

<b>Vocational Trainee (Systems Department) – NALCO M&amp;R Complex</b>	Damanjodi, Odisha May 2025 – Jun 2025
<ul style="list-style-type: none"><li>Built production-level HMS modules using React, Tailwind, Spring Boot, and MySQL, implementing patient management, appointment scheduling, and billing workflows.</li><li>Integrated JWT-based role authentication, improved API performance, and contributed to Agile sprint deliverables.</li><li>Improved API response time by 20% by optimizing SQL queries and reducing redundant data processing.</li></ul>	

## 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