

ASISH RANJAN SAHU

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EDUCATION

NIST University

Master of Technology in Computer Science and Engineering

Pursuing

Sep 2025 – Sep 2027

Vignan Institute of Technology and Management

Bachelor of Technology in Computer Science and Engineering

CGPA - 7.74

Nov 2021 – June 2025

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Bootstrap, Express.js

Databases: MongoDB, SQL, MySQL

Developer Tools: Git, VS Code, Postman, npm

Core Competencies: Data Structures & Algorithms, Full Stack Development, RESTful APIs, Web Development, OOPS, Code Review, Data Modeling, Caching, Microservices fundamentals

Soft Skills: Problem Solving, Team Collaboration, Agile Development, Communication, AWS (EC2, S3 Basics)

EXPERIENCE

Web Developer

Innovixion Tech

Nov 2023 – Dec 2023

Remote, India

- Developed a responsive To-Do App using HTML, CSS, and JavaScript, implementing CRUD operations and local storage for data persistence
- Implemented best practices for code organization, maintainability, and web performance optimization
- Utilized JavaScript for dynamic DOM manipulation and event handling to enhance user experience

PROJECTS

Smart Campus Automation System | *React.js, Node.js, MongoDB, Arduino, Firebase*

2025

- Developed end-to-end IoT campus automation managing lighting, attendance, and HVAC, reducing manual operational tasks by 60 and energy consumption by 25.
- Built cross-platform mobile app using Flutter with Firebase integration, enabling remote IoT control for 200+ campus facilities with 99.8 uptime reliability.
- Integrated a Flutter-based mobile app with Firebase real-time database, enabling remote IoT device control and achieving 95 bug-free performance across 200+ QA test cases.
- Technologies: React.js, Node.js, MongoDB, Arduino, Firebase

Dev Connect-Developer Collaboration Platform | *React.js, Node.js, MongoDB, Express.js*

2024

- Engineered comprehensive developer collaboration platform facilitating real-time communication and project management for 75+ software developers across teams.
- Implemented scalable real-time chat using Socket.IO and WebSocket protocols, supporting 75+ concurrent users with 99.9 uptime and zero data breaches.
- Integrated secure file sharing with AWS S3 and GitHub API, improving code contribution frequency by 20 and reducing merge conflicts by 45.
- Technologies: React.js, Node.js, Express.js, MongoDB, Socket.IO, Git, GitHub

Interactive To-Do Application | *HTML, CSS, JavaScript*

2023

- Engineered a dynamic task management system with add, edit, delete, and mark complete functionality
- Implemented local storage API for persistent data storage across browser sessions
- Applied modern JavaScript ES6+ features including arrow functions, destructuring, and async operations

ACHIEVEMENTS & CERTIFICATIONS

Google Developer Groups On Campus: Active member contributing to developer community initiatives

Java Full Stack Certification: Completed comprehensive training in Java-based full stack development

Problem Solving: Strong foundation in Data Structures and Algorithms with focus on optimization

Tata - GenAI Powered Data Analytics Job Simulation: Hands-on experience with AI-driven analytics platforms