

EDUCATION

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

Bachelor of Technology in Computer Science and Engineering - Current CGPA: 8.27

Bhubaneswar, India

2022 - 2026(Expected)

TATA DAV SCHOOL, Sijua

Class 12, Science

Dhanbad, Jharkhand, India

2020-2021

De Nobili School, Koradih

Class 10, ICSE

Dhanbad, Jharkhand, India

2018-2019

TECHNICAL SKILLS

Programming Languages: C/C++, Java (OOP), Python, JavaScript

Web Development: HTML, CSS, jQuery, React.js, Express, Node.js

Libraries & Tools: Git/GitHub, UNIX/LINUX, Postman, Canva, VSCode

Concepts: Data Structures & Algorithms, Problem Solving, Asynchronous JavaScript, RESTful APIs, Authentication Mechanisms, Relational Database Concepts, Computer Networking, Operating Systems, and Developing Scalable Software Systems

WORK EXPERIENCE

Vocational Training/Internship

BCCL (Subsidiary of Coal India)

System Department, EDP

May 15, 2024 - June 14, 2024

- Selected for a hands-on training program in the System Department.
- Assisted in office tasks including payroll management, document filing, and tender processing.
- Acquired knowledge of document management procedures and office task workflows.
- Gained practical experience in SAP and related enterprise technologies.

Intel Unnati Industrial Training Program

AI-driven Cooking Assistant

May 2024 - July 2024

- Developed an AI-driven cooking assistant to generate personalized recipes and manage kitchen inventory using Node.js, Express.js, MongoDB Atlas, and the OpenAI API.
- Implemented smart features like real-time inventory management, automated utensil selection, and notifications for missing ingredients.
- Designed and integrated a smart utensil management system to autonomously retrieve utensils from a washing machine as per cooking requirements.

PROJECTS

Code Assistance Backend Application

- Developed a backend application for code assistance through natural language prompts.
- Implemented secure user authentication and session management mechanisms.
- Designed storage and management systems for previous responses to generate customized code suggestions.
- Integrated OpenAI's API to generate code based on user prompts.
- Optimized API request and response handling for scalability and performance.
- Tech stack: Node.js, Express.js, MongoDB, JWT, OpenAI API.
- GitHub Repository: [GitHub Repository](#)

Online Tender Filling System

- Engineered a secure web application for tender management and bidding processes.
- Implemented robust user authentication and authorization using bcrypt, Passport, and JWT.
- Developed admin functionalities for tender posting with comprehensive details and deadlines.
- Enabled users to bid on tenders with the lowest bid securing the tender.
- Enhanced transparency and efficiency by digitizing tender processes.
- Tech stack: Node.js, Express.js, MongoDB, React, bcrypt, Passport, JWT.
- GitHub Repository: [GitHub Repository](#)

Zerodha's Order Book High-Level Design

- Designed and implemented an order book system for trading registered stocks.
- Developed functionalities to place bids and asks, matching them for transactions.
- Ensured efficient handling and synchronization of order data.
- Tech stack: TypeScript, Node.js, Express.js.
- GitHub Repository: [GitHub Repository](#)

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES (Computer Science Related)

- Smart India Hackathon 2023 Nomination by College [Link](#)
- Intel Unnati Industrial Training Program 2024 Nomination by College [Link](#)
- Member of Organizing Committee for HyperLedger Fabric Workshop [Link](#)
- Member of Organizing Committee for Talk Show of Corridor Platform [Link](#)