

JAIDEEP BOSE

+91-7870385856 - jaideepbose51@gmail.com - [Leetcode](#) - [linkedin.com/in/jaideepbose](https://www.linkedin.com/in/jaideepbose) - github.com/jaideepbose

EDUCATION

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

BTech(CSE) - Current CGPA: 8.27

Bhubaneswar, India

2022 - 2026(Expected)

TATA DAV SCHOOL Sijua

Class 12

Dhanbad, Jharkhand, India

2020-2021

De Nobili School, Koradih

Class 10

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, REST API, Authentication, Relational Database Concepts, Networking, Operating System, Developing Large Software Systems

WORK EXPERIENCE

Vocational Training/Internship

BCCL (Subsidiary of Coal India)

System Department, EDP

May 15, 2024 - June 14, 2024

- * Selected for a practical training program at the System Department.
- * Assisted in office-related tasks such as handling pay slips, document filing, and learning how tenders are filled at BCCL.
- * Learned about document filing procedures and observed closely how office tasks are managed.
- * Gained hands-on experience in SAP and other relevant technologies.

PROJECTS

• Online Tender Filling System

- * Designed and developed a secure web application for tender management and bidding.
- * Implemented user authentication and authorization using bcrypt, Passport, and JWT.
- * Admin functionalities include posting tenders with details and deadlines.
- * Users can bid on available tenders, with the lowest bid winning the tender.
- * Improved transparency and efficiency by moving tender processes online.
- * Tech stack: Node.js, Express.js, MongoDB, React, bcrypt, Passport, JWT.
- * GitHub Repository: [GitHub Repository](#)

• Code Assistance Backend Application

- * Developed a backend application to provide code assistance using natural language prompts.
- * Implemented user authentication and session management for login functionality.

- * Stored and managed previous responses to generate customizable code suggestions.

- * Integrated OpenAI's API for generating code based on user prompts.

- * Ensured scalability and performance by optimizing API requests and responses.

- * Tech stack: Node.js, Express.js, MongoDB, JWT, OpenAI API.

- * GitHub Repository: [GitHub Repository](#)

• Zerodha's Order Book HLD

- * Designed and implemented an order book system for trading registered stocks.

- * Users can place bids and asks which are matched if conditions are met.

- * Merged matching bids and asks to execute 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 of HyperLedger Fabric workshop

[Link](#)

- Member of Organizing Committee of Talk show of Corridor platform

[Link](#)