

SATYAJIT SAMAL

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EDUCATION

Biju Pattanaik University of Technology, Odisha

Bachelor of Technology in Computer Science

July 2020 - July 2024

EXPERIENCE

Artsnmor

Software Engineer Intern (Java, Spring Boot, MongoDB, Database)

May 2023 - July 2023

Bhubaneswar, OD

- Developed and implemented features for **web applications**, enhancing **user experience** and functionality.
- Collaborated within an agile team, applying best practices for high-quality code, efficient **problem-solving**, and ensuring **seamless frontend-backend integration**.
- Worked extensively on the backend utilizing technologies like **MongoDB** for efficient and scalable **database management**, **Express.js** for server-side application development, and **jQuery** for streamlined **DOM manipulation**.

FluenceTech

Front-end Developer Intern (HTML, CSS, JavaScript, React Js)

Dec 2022 - Mar 2023

Bhubaneswar, OD

- Designed visually appealing, **responsive interfaces** based on design mockups, focusing on **seamless user interactions** and optimal performance.
- Collaborated closely with the team to ensure a cohesive and intuitive **user experience**.
- Enhanced user interaction and responsiveness of applications by implementing efficient **DOM manipulation** and state management techniques.

PROJECTS

Real-Time E-commerce Platform | Java Spring Boot, React, MongoDB | 🎯▶

Aug 2023

- Created a high-performance, **real-time e-commerce platform** from the ground up, focusing on **an intuitive user interface** and seamless inventory management.
- Utilized **Java Spring Boot** for the backend to handle concurrent requests efficiently and ensure seamless **integration with the React-powered frontend**.
- Integrated **MongoDB**, a NoSQL database, for efficient storage and retrieval of product information and customer data, enabling fast and scalable operations.

Conversational AI ChatBot | Java, Spring, NLP Libraries | 🎯▶

Feb 2022

- Designed and developed an intelligent chatbot using **Java and Spring framework**, integrated with **advanced natural language processing (NLP) techniques**.
- Leveraged various **NLP libraries** for sentiment analysis, contextual understanding, and providing personalized, contextually relevant responses to user queries.
- Implemented a chatbot system that understands and responds to users in a human-like manner, enhancing **user engagement and interaction**.

Automated Financial Portfolio Management | Java, SpringMVC, PostgreSQL, Hibernate | 🎯▶

Nov 2022

- Created an automated financial portfolio management system using **Java and Spring MVC**, allowing users to optimize their investment portfolios **based on real-time market data and historical trends**.
- Integrated Hibernate** for efficient data persistence and retrieval, ensuring a secure and reliable environment **for managing financial data and transactions**.
- Employed PostgreSQL** for data storage and retrieval, enabling secure management of financial data and providing insightful analytics for better investment decisions.

TECHNICAL SKILLS

Languages: Java, Python, SQL

Web Development: HTML, CSS, JavaScript, React Js, Spring Boot, Postgre, MongoDB

App Development: Flutter, Dart

Other Skills: DBMS, Computer Networking, Git