

NABAJIT BORO

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EDUCATION

Bachelor of Technology

June 2019 - June 2023

Indian Institute of Information Technology, Allahabad

EXPERIENCE

Software Developer Engineer

June 2023 - Present

Jio Platforms Limited

Bengaluru, India

- Designed and deployed an alert messaging system using **C++** and **Node.js**, improving speed by **40%** and enhancing reliability by **30%**.
- Collaborated with the **National Disaster Management Authority (NDMA)** to enhance hazard alerting and emergency response functionalities and reducing response times **40%**.
- Implemented a spam detection solution to efficiently identify, classify and manage more than **1000** spam phone numbers, reducing spam reports by **20%** and enhancing the overall reliability of the system.
- Developed using **Java** and **ReactJS**, enhancing spam detection performance and efficiency of spam detection by **10%**.
- Engineered a **JavaScript** observer to detect application crashes, automate notification triggers, and upload compressed crash reports to a server via **MQTT**, streamlining crash analysis by **30%**.
- Improved system performance by **15%** through efficient cleanup processes, optimized log storage solutions, and automation of post-crash data collection workflows ensuring enhanced reliability.
- Resolved complex pull requests, streamlined **CI/CD** pipelines, and addressed critical bugs, increasing system reliability by **40%** and operational efficiency by **25%** leading to faster deployment cycles.
- Designed an automated testing framework using **Python** scripts, reducing manual testing time by approximately 15 hours per project cycle while maintaining high test accuracy rates above **90%**.

PROJECTS

SPORTSHUB – Rural Talent Search in Sports (NGO Project)

- Led the design and implementation of a scalable platform for rural talent search using **Java Spring Boot** and **MongoDB**, supporting real-time user registrations, data storage, and interactions.
- Integrated **Kafka** for reliable, real-time data streaming and event-driven communication between services.

CASH FLOW MINIMIZER

- Implemented a robust platform to minimize transaction delays using **Graph Algorithms** for optimal cash flow between over **500** users, significantly enhancing user interactions and transaction speed.
- Formulated a robust full-stack application leveraging **ReactJS** for the user interface, **Node.js** for server-side logic and **MongoDB** for scalable and efficient data management improving performance by **40%**.

SKILLS

Technical Skills C, C++, Java, Spring Boot, ReactJS, Node.js, SQL, MongoDB, Python, GoLang, Django, JavaScript, HTML, CSS, Docker, Kubernetes, Kafka, Git, REST APIs

IT Constructs Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management System, Microservices Architecture, Event-Driven Design

ACCOMPLISHMENTS

- Solved **1000+** coding problems on platforms such as **CodeForces**, **CodeChef**, **Leetcode**, **Pepcoding**, **InterviewBit**, and **GeeksForGeeks**.