

# Satabda Das

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Github

Portfolio

## Professional Summary

Full-stack developer skilled in Java, Spring Boot, React.js, and SQL, with experience delivering scalable enterprise features and optimizing backend performance.

## Education

### Narula Institute of Technology

Bachelor of Technology in Electronics and Communication Engineering(GPA: 8.81 / 10.00)

2019-2023

Kolkata, West Bengal

## Experience

### IBS Software

Senior Product Engineer

June 2023 – Present

Kochi, Kerala

- Implemented 15+ **full-stack** features and resolved high-priority bugs in ICargo, leading to a 20% reduction in production incidents.
- Architected and deployed a new Receivables Management Screen from scratch, handling end-to-end architecture, development, and deployment, improving efficiency by 35%, and currently used by American Airlines.
- Integrated **GraphQL** for efficient data retrieval, improving performance by 18% and reducing overfetching in the Preview Pane feature for China Airlines customer.
- Designed and scaled **microservices** serving cross-client airline operations, achieving consistent performance and 90% up-time.
- Spearheaded the Build and Release Success Team, leveraging **Jenkins** to resolve **CI/CD issues** quickly, ensuring timely product releases and accelerating feature roll-out by 20%.
- Debugged and resolved issues in containerized microservices using **Kubernetes**, improving system reliability and significantly reducing critical bugs.

### Cognizant Technology Solutions

Artificial intelligence and analytics Intern

March 2023 – June 2023

Kolkata, West Bengal

- Redesigned and optimized **Snowflake** database schemas on **AWS cloud** infrastructure, improving query performance by 20%.
- Crafted schema models for small-scale projects, ensuring data integrity and efficient database design.
- Visualized 10+ key business metrics, enhancing data accessibility and decision-making for cross-functional teams.

## Projects

### DineOut | React, Spring Boot, MySQL

- Engineered a web-based system to streamline restaurant operations, reducing order processing time by 30%.
- Developed and integrated **REST APIs** with **Spring Boot** and integrated them with the **React frontend**, reducing user-reported bugs by 30% and improving response time by 40%.

### WhatsApp Bot | Python, Flask, Twilio

- Launched a bot to provide COVID-19 information and entertainment features, increasing user engagement by 40%.
- Enhanced the bot with interactive features (trivia, jokes, memes), driving sustained user interaction.

## Technical Skills

**Proficient:** Java, GraphQL, SQL

**Frameworks & Libraries:** Spring Boot, React.js, Spring, Apollo, Redux, JUnit, Jest, Mockito

**Tools & Technologies:** Kafka, Snowflake, Microsoft SQL Server, Git, Docker, Kubernetes, AWS

**Familiar:** C++, Python, HTML, CSS

## Achievements

- Received **Debutant Award** (top 10 out of 800+ employees) for outstanding contribution at IBS Software.
- Elite+Silver (NPTEL Python)** & Earned a top-tier certification with distinction.