

Satabda Das

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LinkedIn

Github

Portfolio

Professional Summary

Full-stack developer skilled in Java, React.js, and Spring Boot with experience in building scalable web applications. Passionate about problem solving and efficient system design, with strong SQL expertise.

Education

Narula Institute of Technology

Bachelor of Technology in Electronics and Communication Engineering(GPA: 8.88 / 10.00)

2019-2023

Kolkata, West Bengal

Experience

IBS Software

Solution Engineer

June 2023 – Present

Kochi, Kerala

SaaS-based solutions for the airline and travel industry.

- Delivered 15+ full-stack features and resolved high-priority bugs, leading to a 20% drop in production incidents across airline cargo systems.
- Designed and maintained microservices used across multiple airline clients, ensuring 90% up-time and fast response times.
- Collaborated with cross-functional teams (QA, Product, DevOps) to streamline release cycles, accelerating feature rollout by 20%.
- Helped onboard 3+ junior devs, establishing on-boarding docs and walkthrough to reduce ramp-up time by 40%.

Cognizant Technology Solutions

Artificial intelligence and analytics Intern

March 2023 – June 2023

Kolkata, West Bengal

Worked at a global IT services and consulting company, contributing to a database development and maintenance project for a small-scale application.

- Designed and optimized data models for a small-scale application, improving query performance by 20% in Snowflake and SQL Server.
- Developed schema models for small-scale projects, ensuring data integrity and efficient database design.
- Performed database optimization tasks, including indexing and query tuning, to enhance system performance.

Projects

Restaurant Management system | React, Spring Boot, MySQL

- Developed a web-based system to streamline restaurant operations, reducing order processing time by 30%.
- Integrated user-friendly interfaces with robust backend services, ensuring seamless user experience and reliable data handling.
- Conducted thorough testing, achieving 99% up-time and scalability for up to 1,000 concurrent users.

Whats-App Bot | Python, Flask, Twilio

- Created a bot to provide COVID-19 information and entertainment features, increasing user engagement by 40%.
- Added entertainment features, such as trivia, jokes, and memes, to enhance user engagement and interaction with the bot.

Technical Skills

Languages: C++, Java, Python, GraphQL, SQL

Frameworks & Libraries: React.js, Django, Next.js, Spring Boot, Apollo, Redux

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

Concepts: Data Modeling, Microservices, Restful API Integration, Database optimization, Agile, Design Patterns

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.