Satabda Das

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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	2019-2023
Bachelor of Technology in Electronics and Communication Engineering(GPA: 8.88 / 10.00)	*Kolkata, West Bengal*

Experience

IBS Software   June 2023 – Present
Solution Engineer   *Kochi, Kerela*

Worked at a SaaS-based software development company specializing in airline and travel industry solutions, contributing to the Quality Audit Screen project, which analyzes the quality of airline goods and packages.

- Developed and deployed 10+ new features,and implemented new features, reducing reported bugs by 15% through rigorous testing and debugging.
- Collaborated with cross-functional teams to align development efforts with business objectives, improving project delivery timelines.
- Mentored junior developers, enhancing team productivity and code quality.

Cognizant Technology Solutions   January 2023 – April 2023
Artificial intelligence and analytics Intern   *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% uptime and scalability for up to 1,000 concurrent users.

WhatsApp 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.
- Enhanced user engagement by incorporating interactive elements, achieving a 40% increase in daily active users.
- Ensured reliability and responsiveness through continuous testing and updates.

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

- Awarded the **Debutant Award** at IBS Software for outstanding performance and achieving key milestones.
- **Elite+Silver (NPTEL Python)** & Earned a top-tier certification with distinction.