Tamal Majumdar Software Engineer

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github.com/tmajumdar369 | geeksforgeeks.org/tamalmajumdar | leetcode.com/u/itstamal09/

Highly motivated Software Engineer with over 3 years of experience in designing, developing, and maintaining robust applications. Expertise in Java, Python, and JavaScript, with extensive experience in continuous integration and deployment using Jenkins. Proficient in build automation with Maven and foundational knowledge of AWS services. Skilled in collaborating within agile teams to deliver top-notch software solutions. Demonstrated analytical, problem-solving, and communication abilities. Currently advancing proficiency in Spring Boot and Kafka.

Education

Asansol Engineer College, BTech Computer Science DGPA: 8.81/10   August 2017 – July 2021
- **Coursework:** Data Structures and Algorithms, Design and Analysis of Algorithms, Software Engineering, Database Management

Experience

Software Engineer II, Factset – Hyderabad, India   August 2022 –
- **A**pplied Agile principles, improving SDLC methodologies, software security, scalability, documentation, refactoring, and testing techniques.
- **D**eveloped microservices for healthcare imaging platforms, using the microservice architecture.
- **P**articipated in grooming sessions, PI planning, sprint reviews, and demos to ensure project alignment and progress.
- **S**upported TRUMID by onboarding them as a new Execution Venue, implementing seamless integration.
- **C**ollaborated with software developers and imaging teams to implement scalable solutions aligned with shared platforms.
- **E**nhanced Fixed Income Pricing by providing robust support for the Discount Price Type, ensuring accurate and efficient pricing models.
- **M**igrated Fixed Income plugins from Java 8 to Java 17, improving performance and compatibility.
- **S**upported Unit Linked Bonds and CDS Index in the Fixed Income pipeline, increasing trading efficiency.
- **A**ssisted in upgrading Fixed Income systems from version 6.17 to 6.22, ensuring seamless transitions and improved functionality.
- **M**aintained high-quality, well-tested code using Mockito, improving reliability and maintainability.
- **S**upported Unit Linked Bonds and CDS Index in the Fixed Income pipeline, increasing trading efficiency.
- **A**ctively managed formal verification and release activities.

Programmer Analyst, Cognizant Technology Solutions – Kolkata, India   August 2021 – August 2022
- **E**ngineered backend solutions for Solera Support, ensuring comprehensive unit testing for high-quality deliverables.
- **A**warded Employee of the Month for June 2022 for exceptional performance and team contributions.

Technologies

Languages, Tools and OS: Java 8, Java 17, HTML/CSS, MySQL, VUE JS, Oracle, Eclipse, AWS, Jenkins, Github, Windows 11, Windows 10, Linux

Technologies/ Frameworks: Spring Boot, Kafka, Mockito, Junits, OpenAI ChatGPT, Microservices

Core Competencies: SDLC, Rest API, Agile, REST API, Backend Development, Unit Tested Code, Software Engineering, Problem Solving, FIX messages, FIX Engine