

SAPTARSHI DAS

Software Development Engineer

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Bengaluru, Karnataka

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EXPERIENCE

Software Development Engineer

Samsung Electro-Mechanics

03/2023 - Present Bengaluru, Karnataka

- Engineered a **no-code platform** that slashed development time for machine learning models by 87% and streamlined evaluation processes, **resulting in a 96% increase in overall productivity**.
- Led the creation of a no-code web platform, **reducing image dataset creation time by 30%** for ML and DL models, **enhancing damage detection efficiency** in microchips within electronic components.
- Collaborated with the product manager to develop features, **raising the user rating for the platform from 3.6 to 4.3** by streamlining image data export, model comparison, and labeling processes.
- Achieved a **90% reduction in testing efforts** by creating automated integration test packages for end-to-end pipeline testing.
- Tech Stacks:** Java, Spring Boot, JPA, MyBatis, JUnit, Mockito, MySQL, MongoDB, Ngnix, Redis, Jenkins, AOP, Security, Swagger.

Software Development Engineer

Amazon

08/2022 - 03/2023 Bengaluru, Karnataka

- Contributed to Amazon's Mobile Assistance Program (MAP) for **9.7 million global sellers**, designing **mobile solutions** for seamless business management.
- Spearheaded changes for the Aether Project, **slashing technical efforts by 99%** and **fast-tracking feature releases** on the Amazon Seller Mobile app.
- Leveraged Python to **automate performance metric reporting** for Tech teams, resulting in a **100% reduction in manual efforts** and delivering critical insights to managers and TPMs across teams.
- Effectively managed on-call duties, achieving a track record of **zero tickets over SLA**, showcasing a 100% incident resolution efficiency and ensuring high customer satisfaction.
- Tech Stacks:** Java, Spring Boot, AWS, DynamoDB, S3, Athena, Redshift, Python, Glue.

Systems Engineer

Tata Consultancy Services

05/2021 - 08/2022 Hyderabad, Telangana

- Developed **RESTful APIs** for ONESOURCE Thomson Reuters' tax and accounting platforms, **serving millions of users and corporations** worldwide.
- Seamlessly migrated a legacy SOAP API to a modern RESTful API, resulting in an **80% decrease in response time** and enhancing overall system performance.
- Innovated logging extensions for APIs, **cutting troubleshooting time by 70%** through improved backend process visibility.
- Tech Stacks:** C#, .NET Core, Entity Core, SQL-Server, OData, Swagger, Jenkins, Azure, AWS, RabbitMQ.

EDUCATION

B.Tech in Computer Science Engineering

University of Engineering & Management, Kolkata

2017 - 2021

GPA

9.5 / 10

SKILLS

Programming Languages

Java Python C# Linux

TypeScript SQL T-SQL

Frameworks

Spring Boot .NET Core React

Databases

MySQL SQL Server MongoDB

AWS DynamoDB

Tools

Git/GitHub AWS Jira Azure

Jenkins RabbitMQ Redis

FIND ME ONLINE

 LinkedIn

<https://www.linkedin.com/in/das-saptarshi/>

 GitHub

<https://github.com/das-saptarshi>

 Leetcode

<https://leetcode.com/das-saptarshi/>

 Geeks for Geeks

https://auth.geeksforgeeks.org/user/das_saptarshi/