SATVIK SHARMA

+1(469) 570-5615 ◇ Dallas, TX

satviksharma457989@gmail.com ◇ linkedin.com/in/sharmasatvik ◇ satvik457.netlify.app/

OBJECTIVE

Software Engineer with 2 years of experience designing and developing REST APIs using Java and Spring Boot. Thrives in coding and crafting optimized, scalable code. Currently crafting a way into the joint venture of full stack software development and machine learning.

EXPERIENCE

Software Engineer 3   Feb 2023 - Present
Walmart Global Tech   *Dallas, TX*

- Collaborated with the team developing Receipt Check audit application that reviews and evaluates unpaid items, resulted in savings over $19 million by detecting fraud over 600 Sam's club stores annually.
- Facilitated the code migration of the team's architecture, transitioned from Azure to internal cloud, accomplished team's cloud cost reduction by 54% for over 1 million in transactions daily.
- Built new API's during migration using Java and Spring-boot to assist in optimizing architecture for scalability and streamlining code, improved team's DevOps maturity metrics by 17%.
- Initiated the development of a function app reporting tool to transition from Power BI reports, reduced operational costs by 41% by having a serverless, cost-effective and efficient model for daily analysis.

Software Engineer Intern   May 2022 - Aug 2022
Walmart Global Tech   *Dallas, TX*

- Delivered an exclusion management system under Receipt Check application to exclude specific items from scanning for business purposes for Sam's Club resulted in increase of user satisfaction score(CSAT) by 12% and reduced scanning by 11% by implementing solutions using Java 11, Spring Boot, Azure, Spring 5, MySQL and Kafka.

EDUCATION

Master of Computer Science, University of Texas at Arlington   Jan 2021 - Dec 2022
Courses: Computer Architecture, Software Engineering Management, Data Structures, Database Systems, Theory of Computation

Bachelor of Computer Science, Amity University   2016 - 2020
Courses: Secure Programming,Cloud Computing, Advanced Image Processing, Distributed Systems, Compiler Construction

SKILLS

Languages	Python, Java , C/C++, SQL
Frameworks	Spring, Pandas, Django, Flask, Scikit-learn
Databases	MySQL, No SQL, Cosmos Db
Platforms	Kubernetes, Docker, Postman, IntelliJ, Kafka, Dbeaver, Overleaf

PROJECTS

- **Employee Management System**: Programmed an employee management system using Java, Spring Boot, and Maven, enabling CRUD operations with MySQL and NoSQL databases managed through Dbeaver.
- **Wine Quality Analysis**: Deployed a CNN classification model to distinguish between quality of wines, utilizing python libraries such as Pandas and Scikit-learn based on multiple features to achieve an accuracy of 83%.
- **The Car Company**: Building a stock analysis platform for the automotive industry, utilizing public company research data, financial APIs, and predictive analytics to provide real-time market insights using Node, javascript, python, pandas, mongoDB and scikit-learn.