Samyak Shreyash

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Professional Experience

Senior Software Engineer
Mphasis | Goldman Sachs — Bengaluru | Oct 2023 – Present

- Engineered scalable, low-latency fintech workflows using **Java** and **Spring Boot microservices**, serving over **1 million daily transactions**.
- Designed and integrated Apache Kafka event streams to enable real-time data processing across 10+ distributed services, reducing data latency by **40%**.
- Developed high-performance backend APIs connecting Sybase and Mainframe systems, accelerating the financial reconciliation process by **50%**.
- Managed data flow with **Sybase**, **MySQL**, **JDBC**, enhanced fault tolerance with structured exception handling.

Software Engineer II
Baxter International — Bengaluru | Aug 2021 – Oct 2023

- Built a secure Audit System using **AWS Kinesis streams** to track account activities, achieving **99.9% data reliability** and compliance with HIPAA standards.
- Developed analytics dashboards and KPIs for the Sharesource product, enhancing clinician decision-making and contributing to a **15%** increase in product engagement.
- Led the migration of a core module from a Liferay **monolith** to a microservices architecture, improving deployment frequency by **30%** and system resilience.
- Implemented a rule-based engine for prescription recommendations, which increased new user acquisition by 1.2x **(20%).**

Application Engineer
Wells Fargo — Bengaluru | July 2018 – Aug 2021

- Created the 'Penalty Box' compliance tracking system for 50,000+ employees, ensuring **100%** audit readiness for security training.
- Automated software patch tracking using Python scripts, boosting operational efficiency by **60%** and reducing manual effort by **20 hours/week.**
- Automated the Wells Fargo-Cisco data validation process by developing a custom bridge application, reducing turnaround time from **3 months to 15 minutes** and generating **$80K in quarterly savings.**

Technical Skills

- Programming: Java, Spring Boot, Python, JavaScript, React.js, Next.js
- Databases: MySQL, OracleDB, Sybase
- Tools & Technologies: AWS (Kinesis, Lambda), Apache Kafka, Docker, Kubernetes, Redis, CI/CD, Terraform, Hashicorp, Conduit,
- Concepts: OOP, API Development, Microservices, REST APIs, Secrets Management, Containerization

Bachelor of Engineering, Computer Science
Sathyabama Institute of Science and Technology | Chennai | 2018