

Manish Kumar

Software Engineer

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SKILLS

Primary Technologies: C/C++, Java 8, Java 17 (Spring, Hibernate), Javascript(ReactJS, NodeJS), Go, SQL, NoSQL

Other Technologies: Git, REST, gRPC, AWS (EMR, EC2, Lambda, Cognito, API Gateway, S3), Azure (App Service, Service Bus, App Insights, KeyVault, SQLServer, Cosmos), Grafana, Kubernetes, Jira, Confluence, Microservices

Soft Skills: Communication, Teamwork, Problem Solving, Leadership

EXPERIENCE

Walmart Global Tech India - *Software Development Engineer III*

FEB 2022 - PRESENT

- Led the design, development, and optimization of software applications for various stages of ecommerce order fulfillment (picking, packing, dispensing) at Sam's Club, impacting all 600+ locations across the USA.
- Owned feature development for Dispense-on-Delivery, Member Opt-in, Alcohol Delivery, and Chain-of-Custody features, resulting in:
 - ~10% revenue increase through improved efficiency and customer satisfaction.
 - ~5% cost reduction through optimized workflows and resource utilization.
- Spearheaded the successful migration of Sync and Async services from Azure to WCNP (Walmart Cloud), leading to improved scalability and operational costs.
- Optimized SQL database performance by implementing indexing and DOP improvements, enhancing query execution speed and data access efficiency.

Amazon Development Center India - *Software Development Engineer*

JUN 2021 - FEB 2022

- Developed CLI that automated updates, reducing manual work by 50%.
- Optimize dataset aggregation validation in BYOF handling > 10 TB data.
- Runtime reduces from 4 hours to < 1 hour. Technology: Scala, Spark, EMR

Arcesium India Pvt. Ltd. - *Software Engineer*

SEP 2020 - JUN 2021.

- Developing ETL Applications mainly focused on generating formatted financial reports in excel used by accountants.
- Technology: Spring, mybatis, SQL, Apache POI, Kotlin

Payabbhi (Fintech Startup) - *Software Engineer*

MAY 2019 - SEP 2020

- Increased merchant portal logins by 25% and order submissions by 18% through intuitive UI/UX redesign

- Developed HTTP client library supporting 5 frameworks, enabling 20% faster integration with APIs.
- Automated 1000+ unit tests across microservices and libraries, reducing manual testing time by 50%.

Samsung R&D Institute - *Summer Intern*

MAY 2018 - JUL 2018

- Developed a novel algorithm for error detection in Wi-Fi packet transmission, achieving 100% success rate and significantly improving data integrity. Implemented Wi-Fi packet sniffer in C language.
- Developed a novel algorithm for error detection in Wi-Fi packet transmission, achieving 100% success rate and significantly improving data integrity.
- Wrote an Android application to broadcast length encoded UDP packets with custom MAC Address.

EDUCATION

Jadavpur University, Kolkata - *Bachelor of Engineering - Information Technology*

AUG 2015 - MAY 2019

ACHIEVEMENTS

Ranked 573rd globally in CodeAgon - HackerRank competition - 2018

Qualified (IIT-JEE Advance) - 2015

National Talent Scholar - NTSE 2013

Junior Talent Search Examination, New Delhi - 2012