

ARNAY SHUKLA

arnayshukla@gmail.com | +91 99973 94737 | Bengaluru, IN | Portfolio

EXPERIENCE

Senior Software Engineer *Allen Digital*

2024-05 - Present

- Engineered real-time data warehouse utilizing Kafka Connect and ClickHouse for CDC stream ingestion from MySQL, MongoDB, DynamoDB, S3, and external sources.
- Developed common schema registry with SOPs and runbooks, standardizing data governance across five teams.
- Created in-house Mixpanel alternative processing over 200M events daily at P95 50 ms latency, saving 350K USD annually.
- Implemented Identity Management Solution to unify user journeys across multiple sessions and devices.
- Consolidated 11+ third-party data ingestion pipelines into a single Lambda pipeline, achieving annual savings of approximately 37K USD.
- Refactored attribute-store to transition datastore from DynamoDB to MySQL with P95 <10ms and 20K USD annual savings.
- Built real-time Nudge Platform for cohort assignment, reducing turnaround time from 24 hours to 15 minutes.
- Leveraged platform for AOSAT test nudges, generating INR 70 Cr in annual revenue with over 20% lead conversion.

Software Engineer II *Nykaa*

2022-05 - 2024-05

- Led the implementation of a cashback loyalty program catering to over 100K users, successfully elevating user retention by 38% and average order value by 50%.
- Enhanced the performance of a Trade Scheme discount engine, achieving sub-10 ms GET responses through the use of Spring Boot and H2DB, servicing over 500K active schemes and 5K+ SKUs. • Developed an ETA microservice to provide accurate delivery estimates and warehouse allocation, improving operational efficiency and customer satisfaction.
- Streamlined over 3M daily cart/checkout requests through the implementation of a Spring Cloud Gateway aggregator, significantly improving user experience during peak traffic times.

Software Engineer *Airtel Africa Digital Labs*

2021-04 - 2022-04

- Managed payment workflows with Spring State Machine for credit/debit operations and recurring payments.
- Collaboratively designed and launched a digital banking solution for the Nigerian government within a stringent 6-month timeframe, contributing to national financial digitization
- Orchestrated the development and implementation of a prepaid voucher service for UNICEF and Madagascar, and managed Paycode transactions in Nigeria.

Software Engineer *CarDekho*

2019-07 - 2021-04

- Developed an omni-channel chatbot platform supporting web, WhatsApp, and Messenger with voice/video features, enhancing customer engagement across multiple platforms.
- Designed an intuitive, drag-and-drop Angular + Spring Boot workflow builder, empowering non-technical users to create workflows effortlessly.
- Automated SMS marketing campaigns, optimizing communication efficiency.
- Integrated Google and Facebook Ads APIs into a unified real-time dashboard, achieving a daily cost saving of INR 6 L, thereby enhancing financial efficiency.

SKILLS

Java Spring Boot Golang Kafka Spark Clickhouse MySQL MongoDB Redis Hibernate

EDUCATION

Manipal University Jaipur - Bachelor of Technology in Computer Science and Engineering

2015-08 - 2019-07 | GPA: 8.78/10