

Anurag Ambuj

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Objective

Experienced software engineer with expertise in software development, team leadership, driving innovative projects to high-precision delivery.

Experience Summary

- Close to 10 years of experience in the development of distributed backend systems
- Experience in advanced system design and building highly complex systems from the ground up for various domains

Areas of Strength

- Enjoys responsibilities
- Team Leader
- Deep experience in building systems end-to-end

Skills

Programming	Java, Go
Frameworks & Cloud	Spring Boot, Spring Data JPA, MyBatis, Gin, Gorm, AWS
Databases & Messaging	MySQL, MongoDB, Redis, Elasticsearch, Kafka

Online Courses

- **Domain Driven Design** on LinkedIn (Sep 2025)
- **Prompt Engineering** on Coursera (Nov 2025)
- **Service-Oriented Architecture** on Coursera (Dec 2020)
- **Java Memory Management** at Udemy (Feb 2020)
- **Concurrent, Parallel, and Distributed Programming** at Coursera (Feb, 2020)

Projects

- **Vehicle Telematics and Data Pipeline, Charging Recommendations, Secrets management, Remote configuration, Inventory Management, Cashless Hubs (Blusmart)**
 - Led entire Hub and Fleet Tech, actively managing, reviewing code and mentoring a full-stack team of motivated engineers
 - Developed a Charging recommendation platform using telematics data to increase EV battery longevity and reduce unexpected battery costs.
 - Proposed and Architected a streaming data replication pipeline used by the Data Analysts and the DBAs, worked with DevOps for service scalability & resource optimisation
 - JVM performance improvements, migration from HotSpot to OpenJ9, 50%-70% reduced cloud cost for the same overall throughput
 - System-based Charging Recommendations using Vehicle Telemetry
 - Vehicle telematics data pipeline for battery analytics and efficiency
 - Dynamic remote configuration management with Secrets across the entire codebase, with a huge impact with regards to compliance and cyber security
 - Online Transaction Ledger and Online receipt collection through application instead of manual cash transfers, removing manual cash management at Hubs, resulting in easier audited records, better cash collection visibility to the organization
 - Participated in product roadmaps for Hub, Fleet, and Dispatch ops resulting in a better product
 - Tech Stack: Java, Spring Boot, Kafka, MySQL, Redis, Mongo, Go, Gin
- **Postpe, Credit Card Bill Payment**
 - Implemented an audited rule-based system to enable the charging of convenience fees on QR and Card transactions

- Implemented offers system that gathers data from various sources and runs rule-based analysis to determine the offers to be shown to the user
- End to End Design and Implementation of Card Tokenization for CCBP, a compliance requirement
- Tech Stack: Java, Spring MVC, Spring-Data JPA, MySQL, Mongo, Redis
- **Shop on EMI, Loan Repayment through Apps (Mobikwik), Loan Management System**
 - Implemented SOE repayment feature for Delinquent and Non-Delinquent customers
 - This enabled customers to repay Loan EMIs through the Mobikwik app
 - High impact feature, leads to multifold increase in repayments
 - End-to-end ownership of LMS,
 - Introduced the practice of writing unit test cases in backend services
 - More than 35% increase in customer's self-repayments of loan
 - Tech Stack: Java, Spring MVC, Spring-Data JPA, MySQL, Redis
- **Merchant Subscription and Insurance Services (Freecharge)**
 - Contributed to a Subscription platform for the monetization of value-added services like Khata, Insurance, e.t.c
 - Contributed to a generic and flexible subscription platform
 - Participation in product conceptualization and roadmap
 - Tech Stack: Java, Spring Boot, Spring-Data JPA, MySQL
- **UPI, MPAN, and Bharat QR (MOB at Freecharge), Merchant Onboarding System (Freecharge)**
 - Implemented a system to enable UPI-based payments on Bharat QR issued by Freecharge
 - Implementation of Card transactions over Bharat QR with Razorpay as an aggregator
 - Unique product, worked with bank apps, terminals e.t.c
 - Merchant Onboarding Platform end-to-end, integrating of Bharat QR and UPI, along with other payment modes, 5X increase in merchant transactions
 - Contributed to real-time verification of PAN and Bank details during signup.
 - Worked with the Information security team to take measures to ensure the application's security.
 - Tech Stack: Java, Spring Boot, MyBatis, MySQL

Employment

Software Engineering Expert (Jun 2025 - current)	Applied Materials
Team Lead (Oct 2022 - Apr 2024)	BluSmart Mobility
SDE 3 (April 2022 - October 2022)	BharatPe
SDE 2 (June 2021- March 2022)	Mobikwik
Lead SDE (August 2018 - March 2021)	Freecharge
Software Engineer (July 2016 - August 2018)	Envestnet Yodlee

Education

Qualification	College/ Institute	Board/ University	Duration	CGPA/Percent Marks
B.E	Siddaganga Institute of Technology, Tumkur	Visvesvaraya Technological University	2012 - 2016	8.51 GPA (Distinction)
XII th	Netaji Subhash Public School, Giridih	CBSE	2009 - 2011	69.80%
X th	St. Francis School, Jasidih	ICSE	2000-2009	86.56%