

SANKET VYAWAHARE

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Experience

Amdocs

July 2021 – Present

Software Development Engineer II

Pune, Maharashtra

- Architected, engineered, and optimized the **Amdocs CRM** and **AMSS** platforms for Bell Canada, delivering cutting-edge features and enterprise-grade integrations with external systems, driving large-scale digital transformation and enhancing experiences for millions of customers.
- Led the migration of Bell Canada's Amdocs CRM system to **AWS Cloud**, implementing cloud-native best practices that significantly reduced infrastructure costs and accelerated deployment velocity while improving system scalability and resilience.
- Collaborated with sales and pre-sales teams to deliver a PoC of **AWS infrastructure orchestration** platform, showcasing automated AWS infrastructure provisioning for software defined networking components deployment. Enabled out-of-the-box setup with preconfigured **VPCs**, **subnets**, **EC2 instances**, and security groups — reducing manual setup effort by **80%** and strengthening the sales pitch.
- Contributed to development of distributed service and network orchestration platform using **Java and Spring Boot** with **30+ microservices**, implementing **Kafka messaging** and **Redis caching** to enhance system reliability and automated fault tolerance across the architecture.

Technical Skills

Languages: Java, JavaScript, SQL, HTML, CSS

Frameworks: Spring Boot, Spring Security, ReactJS

Technologies: AWS Cloud Services, Docker, Kubernetes, PostgreSQL, Cassandra, Redis, Kafka, Git, Maven

Other: Data Structures Algorithms, High Level Design, Low Level Design, Microservices Architecture

Projects

AetherEdge

February 2025 – Present

Algorithmic trading and Portfolio Management platform empowering retail traders to manage portfolios and execute predefined strategies efficiently.

- Built a self-hosted trading platform to provide independent traders with control, flexibility, and automation over their trading operations.
- Developed a full-stack web application featuring **Portfolio management**, AI-driven analysis, **Algorithmic strategy deployment**, **Derivatives and option chain analytics**, and **Backtesting** capabilities.
- Technologies:** Java, Spring Boot, Spring Security, ReactJS, PostgreSQL, MongoDB, Kafka, Redis, AngelOne API, Docker, Kubernetes

EventIQ

June 2025 – Present

Real-time web analytics platform enabling user behavior tracking and engagement optimization through actionable insights.

- Architected a scalable, event-driven microservices system capable of ingesting and processing millions of daily events with high availability. Wrote a **JavaScript library** for faster integrations with any javascript website.
- Implemented **Session-level analytics** tracking user actions, enriched with location and device data to provide detailed behavioral insights.
- Built a production-ready **JavaScript SDK** as an **npm** module, enabling seamless integration with client websites to capture and transmit event data to EventIQ's analytics backend.
- Technologies:** Java, Spring Boot, Spring Security, Keycloak, ReactJS, PostgreSQL, Cassandra, ClickHouse, Kafka, Redis, Docker, Kubernetes, NPM

Coursework & Certification

Software Architecture and Technology of Large-Scale Systems (Udemy)

June 2025

- Learned to design scalable, fault-tolerant, and highly available distributed systems with a focus on microservices architecture and asynchronous communication.
- Explored essential technologies commonly used in large-scale systems such as message queues, CDN, object storage, distributed databases, caching, container orchestration, and deployment.

Education

MIT Academy of Engineering, Pune

July 2017 – June 2021

Bachelor of Technology in Electronics and Telecommunications

Pune, Maharashtra