

Rushikesh Chavan

Phone: 7338435576 | Email: rushikc.dev@gmail.com

LinkedIn: [linkedin.com/in/rushikc](https://www.linkedin.com/in/rushikc) Medium: medium.com/@rushikc

GitHub: github.com/rushikc

Summary

Results-driven Full-Stack Developer with 6+ years of experience in architecting and delivering high-performance, scalable applications across the SDLC.

Skills

Programming Languages: Java, TypeScript, Python, JavaScript, SQL, Shell Scripting

Front-End: ReactJS, HTML, CSS, RESTful APIs, Micro-frontend, UI/UX, Accessibility (WCAG)

Back-End: Java Spring Boot, Microservices, Event-Driven Architecture, Serverless Computing

Databases: DynamoDB (NoSQL), Oracle & Postgres DB (SQL), Firestore(NoSQL), GraphQL

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform, Google Firebase

AWS Services: AppSync, Apache Kafka, ECS, SQS, Lambda, DynamoDB, S3, Aurora, SNS, Glue, EKS, CloudWatch metrics, CloudWatch analytics with Dashboard, CloudWatch Alarms

DevOps & IaC: Terraform, CI/CD Pipelines, Jenkins, Kubernetes & Docker

Tools & Methodologies: Git, GitHub Copilot, Agile, Jest & Junit testing frameworks, Selenium

Work Experience

Warner Bros. Discovery | Nov 2023 – Oct 2025 | Full-time | Bengaluru

InFlow | Live streaming, Live programming, Scheduling, On-demand video & Metadata generation

- Live team - responsible for building the robust, scalable ecosystem that powers WBD's live streaming & programming around the world.
- Developed & maintained Operator web UI for live streaming program generation, program video editing, ad insertion, key moments edits, and metadata generation for HBO Max & Discovery+ front-end & player clients
- Enhanced AppSync query & mutations logic, worked on multi-region resiliency using Terraform & Terragrunt

J.P. Morgan | Nov 2023 – Oct 2025 | Full-time | Bengaluru

TimeX - Handles US Employee time & absence along with payroll reports & automations

- Led the design and implementation of **multi-region, resilient, and event-driven serverless architectures** (AWS ECS, SQS, Lambda, DynamoDB, S3) and provisioned associated infrastructure using **Terraform**, ensuring scalability and high availability.
- Created SQS-driven lambda flows, including a dead-letter queue, a circuit breaker pattern, & idempotent code, to achieve fault tolerance & self-healing data operations across multiple 3rd-party system API integrations.
- Designed and optimized **NoSQL** database schemas in **DynamoDB**, achieving single-digit millisecond latency for highly scalable and efficient data queries.
- Optimized web page load by implementing **web file compression (Brotli)** on webpack build & Java

Spring Boot level to reduce page loading speed from 10 sec to 1-2 sec

- Developed and maintained reusable, **WCAG-compliant** components with **ReactJS**, enhancing user experience and **accessibility**, along with a **micro-frontend** for different user personas.
- Implemented **Redux toolkit** for complex state management on ReactJS and the **Jest framework** to write integration testing for ReactJS components.
- Engineered high-performance APIs and robust **batch processing** jobs with Java Spring Boot for critical data operations & report generation.
- Implemented AWS **Lambda snapstart** to reduce boot-up time from 15s to 1s.
- Automated and streamlined ETL pipelines using **AWS Glue and Python** with Spark, improving data processing efficiency by 70% and **reducing manual oversight from SRE**.

J.P. Morgan | Aug 2020 – Oct 2023 | Full-time | Bengaluru

MyTimesheet - Handles APAC & LATAM employee time, salary & rewards like pension, stocks

- Design and implementation of a multi-region AWS web app running with **EKS, Aurora PostgreSQL, and Lambda**, & provisioned associated infrastructure using IAC (Terraform)
- Built a configurable web app with Admin UI to onboard new countries, define rules, and add validations. **Reduced country onboarding time** from 3-6 months to 3 weeks.
- Implemented the end-to-end architecture and development of a **full-stack microservices** application from inception to production deployment.
- Engineered **responsive and mobile-first** user interfaces with **ReactJS**, focusing on reusable component development and optimal UI/UX.
- **Optimized APIs** (Java Spring Boot) with a **Cache-aside** strategy for database data load & **method-level caching** to reduce time spent on costly calculations within methods. Significantly enhancing application performance and scalability by **reducing response time** from 2s to less than 200ms on average.
- Deployed and managed core application infrastructure on **AWS (ALB, EKS, Aurora PostgreSQL)** through **Terraform**, ensuring robust and scalable environments.
- Implemented Python-based **AWS Lambda** functions for efficient user notifications and quick data processing.

J.P. Morgan | Internship | Jan 2020 – Jul 2020 | **Investment Trading Data** | Bengaluru

- Gained foundational knowledge in SQL, data processing, analysis, and automation for investment transactions & audits as a Data Analyst Intern.

Personal Projects:

Pennywise: developed an open-source **data privacy**-focused web app to track expenses via Bank email notifications. Google Cloud functions, Firestore (NoSQL database), App Script, Firebase Hosting, Google Auth, and used IndexedDB for local device cache. Github - <https://github.com/rushikc/pennywise>

Licenses & Certifications

- AWS Certified **Solutions Architect** | Amazon Web Services | Issued Apr 2025 | [Credly](#)
- HashiCorp Certified - **Terraform Associate** | HashiCorp | Issued Oct 2024 | [Credly](#)

Awards: AEROTHON 2.0 Hackathon by Airbus (Winner) & AWS DeepRacer JPMC - Top 7th team in Bengaluru

Education

Ramaiah Institute Of Technology | Bengaluru | BE Computer Science | 2016 – 2020 | 8.3 CGPA