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SUMMARY

Senior Software Developer with **4+ years of experience** building **cloud-native, scalable microservices** using **Java (Spring Boot), AWS, and modern frontend frameworks**. Proven expertise in **microservices, serverless architectures, CI/CD, Kubernetes, and high-performance data systems**.

SKILLS & ABILITIES

- **Languages:** Java, JavaScript, Python.
- **Frameworks:** Spring Boot, Spring Security, Angular, Node.js.
- **Databases:** AWS Timestream, InfluxDB, MySQL, MongoDB, Firebase, DynamoDB.
- **Cloud & DevOps:** AWS (EKS, Lambda, Secret Manager, CloudFront, Timestream, S3, API Gateway, EC2, CloudWatch, Apache Flink), Docker, Kubernetes, Teraform, CI/CD.
- **Tools:** Git, GitLab, Bitbucket, JUnit, Swagger, Postman.
- **Architecture:** Microservices, REST APIs, Event-Driven Systems, RBAC, Agile.

EXPERIENCE

Hexagon R&D, Hyderabad | Jan 2025 - Present

Senior Software Developer

- **Built and deployed cloud-native Java microservices (Spring Boot 3, Java 21)** using Maven and Docker, following enterprise microservice architecture and GitLab-based branching and release strategies.
- **Designed end-to-end CI/CD pipelines using GitLab**, automating build, testing, security scans, Docker image creation, and deployments to Amazon EKS across multiple environments.
- Implemented **secure and zero-downtime deployments on Kubernetes**, using blue-green deployment strategies, traffic switching, rollout monitoring, HPA auto-scaling. Add Sumo Logic daemon to push cluster logs to Sumologic for monitoring and alert triggering.
- **Designed and built a reusable, provider-agnostic commons framework adopted across multiple microservices**, centralizing authentication, caching, messaging, AWS integrations, exception handling, and shared domain models, while using Spring Boot auto-configuration and conditional beans to enable configuration-driven implementation switching without code changes.
- **Developed scalable, multi-tenant REST APIs**, handling tenant onboarding, authentication, authorization (RBAC), and lifecycle management using OAuth/API keys and AWS Secrets Manager.
- **Built event-driven systems using AWS SQS, SNS, and JMS**, enabling asynchronous processing, retries, dead-letter queues, and reliable message handling across distributed services.
- **Designed high-performance data solutions**, integrating DynamoDB, Redis/Valkey caching, InfluxDB, and AWS Timestream for time-series data, and large-scale data processing with alert triggering on a single record process failure.
- **Improved observability and reliability**, using structured logging, centralized configuration (ConfigMaps & Secrets), automated API testing, and close collaboration with DevOps and platform teams to support production workloads.

Cognecto, Bangalore | Mar 2022 - Jan 2025

Software Developer


- Developed backend services using **Spring Boot**, implemented features such as **live vehicle tracking, trend analysis, alert triggering, fuel calibration, live feed, Smart Allocation**.
- Implemented trip count calculation based on both static and dynamic geofence assignments, **resolving duplicate trip executions caused by overlapping geofences** during mid-route transitions.
- **Designed and developed SPAs using Angular** with Angular Material, NG-ZORRO, primeNG.
- Spearheaded the redesign of the backend architecture to implement **RBAC-based security** for enhanced security measures.
- Established **CI/CD pipelines** using **AWS CodePipeline, Docker, and Kubernetes** for automated testing and deployment for microservices.
- Implemented **real-time data processing** using **Apache Flink** for analyzing large datasets. Leveraged AWS Lambda for **serverless workflows**, triggering alerts and processing raw data seamlessly.
- Mentored junior developers and led feature design and delivery.

Tata Consultancy Services, New Delhi | Oct 2021 -Mar 2022

Assistant System Engineer Trainee


- Contributed to HTML and CSS-based design projects.

PERSONAL PROJECTS

Accounts Book (07/2020 – 11/2020) 

Tools: Java, Android Studio, Firebase, SQLite, Google sdk.

- Android application designed for securely storing financial details, with transaction records. Integrated Google login and Drive backup functionality ensures data security and enables seamless restoration.

Groupen (08/2018 – 03/2019) 

Tools: NodeJS, Socket, MongoDB.

- Groupen is a freeware, cross-platform messaging and VoIP service. It supports text messaging, video calling and user location sharing.

EDUCATION

Jun 2019 - Aug 2021 | Visvesvaraya Technological University (VTU)

AMC Engineering College, Bangalore - MCA

Aug 2016 - Jun 2019 | Magadh University

Anugrah Narayan College, Patna - BCA

Jun 2014 - May 2016 | CBSE

Kendriya Vidyalaya Rangapahar, Dimapur- Intermediate

April 2013 - May 2014 | CBSE

Kendriya Vidyalaya Rangapahar, Dimapur - Matriculation