Nilay Parmar

+91 94283 71852 · nilayparmar19@gmail.com

LinkedIn · GitHub · LeetCode

Summary

Backend-focused Software Engineer with 4+ years of experience architecting scalable distributed systems using **Java** and **Node.js**. Expertise in building event-driven microservices on **AWS** and optimizing high-throughput data pipelines. Proven track record of enhancing system performance, reducing latency, and designing resilient backend infrastructure for e-commerce and SaaS products.

Technical Skills

Languages: Java, TypeScript, JavaScript, Go
Backend Frameworks: Spring Boot, Hibernate, Node.js, NestJS, Express.js, Serverless Framework, Backstage, React
Cloud & DevOps: AWS (Lambda, Step Functions, SQS, EventBridge, S3, ECS Fargate, Kinesis), Docker, Terraform, Gitlab CI/CD
Databases & Messaging: PostgreSQL, MySQL, MongoDB, DynamoDB, Redis, Kinesis, RabbitMQ

Experience

Elevation Services   Sep 2023 – Present
Fullstack Software Developer (Backend Focus)

– Implemented serverless event-driven backend services on **AWS** (Lambda, Step Functions, EventBridge) to orchestrate complex ETL workflows for a major UK retailer, processing 50k+ product updates daily.
– Developed robust microservices using **Java Spring Boot** and **Nomad** to manage core e-commerce domains (Products, Taxonomy, Inventory), utilizing **Hibernate** for efficient ORM and implementing transactional integrity.
– Optimized data ingestion pipelines by implementing a Change Data Capture (CDC) pattern with **Node.js** and SQS, reducing data synchronization latency by 35% across distributed systems.
– Designed and implemented a resilient fault-tolerance strategy using Dead Letter Queues (DLQ) and exponential backoff retry mechanisms, ensuring 99.9% data reliability for high-volume supplier feeds.
– Extended the **Backstage** developer portal by writing custom backend plugins in **Node.js**, automating repository scaffolding and standardizing CI/CD configurations across engineering teams.

Kevit.io   Nov 2022 – Sep 2023
Software Developer

– Developed high-performance microservices in **NestJS** and Typescript with **AWS EKS** and microservice architecture capable of handling large-scale concurrent requests with low latency, utilizing asynchronous messaging and query optimization.
– Integrated third-party services including Twilio, Firebase, and SendGrid for real-time notifications, messaging, and communication features.
– Implemented standardized error handling, logging, and observability using Sentry and Grafana Loki to support faster issue resolution.
– Centralized authentication and identity management with Ory Kratos across multiple services to streamline user lifecycle processes.

Inexture   Jun 2021 – Jul 2022
Software Developer

– Developed RESTful APIs using **NestJS** and Typescript, implementing server-side caching with Redis to handle peak load traffic efficiently.
– Built and deployed a full-stack internal resource management tool, handling database design in **MongoDB** and backend logic in **Express.js**.

Achievements

• Solved 470+ problems on LeetCode, maintaining a consistent streak in Data Structures, Algorithms, and System Design.

• Mentored junior developers on Backend best practices, Code Reviews, and AWS Serverless patterns.

Education

Dharmsinh Desai University   Gujarat, India
Bachelor of Technology - Computer Science   *July 2017 – May 2021*