

Amit Gade

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GitHub: github.com/amitgade | Portfolio: amitgade.github.io

SUMMARY

Backend engineer with 8+ years of experience designing scalable distributed systems using Java and Spring Boot. Built microservices processing 100M+ daily requests, improved system accuracy and performance, and optimized cloud infrastructure cost by 30%. Strong expertise in backend architecture, concurrency, and high-throughput systems.

CORE SKILLS

Languages: Java (8–21), Scala, Python

Backend: Spring Boot, Spring MVC, REST APIs, Microservices Architecture, Multithreading

System Design: Distributed Systems, High-Concurrency Systems, Scalable Architecture, Design Patterns

Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD, Git

Databases: PostgreSQL, MySQL, Sybase ASE, Elasticsearch

WORK EXPERIENCE

Professional Development

Mumbai | 2024 - Present

- Studying **distributed systems** and system design architectures
- Exploring **AI tools** and their **integration** into backend systems
- Practicing system design problems and backend architecture concepts

HERE Technologies - Senior Software Engineer

Mumbai | 2022 - 2024

- Designed backend services supporting **100M+ daily requests in large-scale distributed pipelines**.
- Implemented algorithms improving **geospatial data matching accuracy** by 50%.
- Reduced **AWS infrastructure costs** by 30% through service optimization.
- Led **production incident** response and system reliability improvements.

Technologies: Java, Scala, Python, Microservices, Spring Boot, AWS, PostgreSQL, Elastic Search

CitiusTech - Technical Lead

Mumbai | 2019 - 2020

- Built Kafe microservice enabling automated document processing.
- Improved **system throughput by 23%** through processing pipeline optimization.
- Mentored engineers and led design discussions.

Technologies: Java, Algorithms, Design Patterns, Spring MVC, REST API, Oracle 11g

BNP Paribas - Senior Software Engineer

Mumbai | 2016 - 2018

- Optimized backend performance of internal trading platform by 12%.
- Improved reliability via automated testing and system improvements.

Technologies: Java, Spring MVC, JPA, REST, JUnit, Sybase ASE

EARLY CAREER

Tejora | Hurix Systems

Mumbai | 2013 - 2015

- Backend engineering roles building APIs and concurrent Java applications.
- Java Concurrency, Data Structures, Spring MVC, PostgreSQL

Technologies: Java, Java, Spring MVC, REST APIs, MySQL

PROJECTS

Distributed Deduplication Engine

Designed scalable deduplication algorithms and distributed processing pipelines to analyze 100M+ geospatial records per day using Spark-based asynchronous processing for global mapping datasets.

CMPR - AI Medical Coder Platform

Built distributed healthcare document annotation system leveraging NLP to extract medical codes from clinical data.

Kafe Microservice Platform

Developed high-throughput microservice architecture enabling scalable medical article annotation and processing.

EDUCATION

Bachelor of Engineering - Electronics & Telecommunication

University of Mumbai

Certification - Java / J2EE / Spring / Hibernate

Seed Infotech