VISHAL GHANGHAV

Pune, India

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Professional Summary

SDE-2 with **4.7+ years** of experience specializing in distributed systems and event-driven architecture. Skilled in Java, Spring Boot, Kafka, and AWS, with a proven record of optimizing large-scale financial platforms for high throughput, reliability, and scalability.

Experience

M2P Fintech   **March 2024 – Present**
Software Development Engineer II | Java, JavaScript, Spring Boot, Kafka   *Chennai, India*

- Re-architected legacy **EOD batch processes** into an **event-driven, Kafka-based pipeline**, reducing job completion time from **8–12 hours to under 3 hours** and eliminating data inconsistencies previously caused by the API-driven architecture.
- Designed and developed the **Write-off & Settlement** and **Fee Waiver Engine** features, cutting processing time by over **70–90%** and boosting operational throughput for high-volume tenants.
- Implemented centralized **monitoring** and alerting across all critical microservices, reducing incident detection time by **80%** and ensuring rapid SLA compliance.
- Pioneered **AI-assisted development workflows** by creating reusable in-editor scripts for automated **UT/IT test case generation** and rapidly prototyping temporary frontends, accelerating delivery cycles.
- Delivered extensive **performance optimizations** by introducing the **K6** performance testing framework, authoring load-testing scripts for critical APIs using K6, **DB Optimizations and concurrent processing** — resulting in up to **60–90%** latency and query time reductions, significantly improving API responsiveness and customer experience.

Paytm Payments Bank   **November 2023 – March 2024**
Software Engineer – Backend | Java, Spring Boot, Kafka   *Noida, India*

- Developed **Fund Transfer** Microservice for processing AEPS FT transactions via BC agents, ensuring secure, high-speed execution for thousands of daily transactions.
- Created **Low-Level Design (LLD)** for fund transfer workflows, ensuring scalability and maintainability in production systems.

RIA Advisory LLP   **July 2021 – November 2023**
Software Developer | Java, Spring Boot, ORMB   *Pune, India*

- Reduced manual Ops team effort by **90%** by automating the Pricing Workbench functionality.
- Developed gateways, microservices, and implemented JWT security to create scalable, high-performance APIs.
- Improved trial-to-permanent customer conversion ratio **3x** by shifting onboarding from Excel to Deal Pricing UI.

Technical Skills

Languages: Java, JavaScript, Python, C++
Technologies: Spring, Node.js, ORMB, Hibernate, Apache Kafka, Active MQ
Databases: MySQL, MongoDB, PostgreSQL, Oracle SQL, Redis, ClickHouse
Tools and Services: Git, Docker, Kubernetes, ArgoCD, AWS, Helm, JUnit, Docker, Prometheus, Grafana

Personal Project

Shopping Application | *Java ,Spring Boot ,Spring Cloud , Hibernate ,Mongo DB ,Apache Kafka* | **Github**   4

- Developed a shopping application platform to explore Docker-based deployment, observability, and API routing via Spring Cloud Gateway.
- Implemented functionalities to create Product,order product and send mail notification to user whenever product is available in inventory by using **Apache Kafka** message queue.

Achievements

- Invited as a guest on the **Concept & Coding YouTube Channel** ▶ to share insights on **System Design** and backend development, engaging with over 11k+ software professionals.
- Awarded at RIA Advisory for automating Pricing Workbench functionality, reducing manual Ops team effort by **90%**.
- Appreciated at M2P Fintech for exceptional work on performance optimizations and the **Write-Off and Settlement** feature.
- Solved **600+ DSA questions** across multiple platforms, earning several skill-based badges.

Education

Smt. Kashibai Navale College of Engineering   **August 2017 - June 2021**
Bachelor of Engineering in Computer Science(CGPA of 8.75)   *Pune, India*