

SHIVANSH CHOUDHARY

Full Stack Developer

☎ +91 7436069744 @ shivansh.choudhary1997@gmail.com 🔗 linkedin.com/in/shivanshc248/

SKILLS

Programming Languages: Java, C#, Python, JavaScript, TypeScript
Frameworks & Libraries: Spring Boot, .NET Core, ReactJS, FastAPI
Databases & Messaging: SQL Server, Cassandra, Redis, MongoDB, Apache Kafka, RabbitMQ
Cloud & DevOps: Microsoft Azure (CI/CD), Docker, Nginx, Postman
Architecture & Practices: Microservices, Distributed Systems, Event-Driven Design, TDD, Agile (Scrum), SDLC
Tools & Productivity: Git, IntelliJ, Visual Studio, PyCharm, JMeter, Graylog, Cursor AI

EXPERIENCE

Senior Software Engineer

NAV Fund Administration Group

📅 07/2024 - Present 📍 Jaipur

- Led development of an Investment Tracker platform integrating a **DMS**, external APIs, and internal accounting system; built Spring Boot schedulers and React dashboards to cut document delays by **40%** and improve transparency across **5,000+** funds
- Designed and deployed a **Cassandra** Reporting DB to offload SQL workloads, supporting **10M+** records; optimised compaction for write-heavy analytics, reducing report generation from minutes to seconds and boosting primary DB stability
- Developed a **Kafka-based** data ingestion pipeline, replacing manual/batch imports; added staging + reconciliation layers to ensure reliability, cutting processing latency from minutes to seconds and reducing manual effort by **~70%**
- Integrated AI-powered tools (**Cursor**, **Code Ant AI**) into development workflows, streamlining code reviews, reducing boilerplate, and boosting developer productivity by **~25%**, accelerating feature delivery across teams

Software Engineer

NAV Fund Administration Group

📅 10/2021 - 06/2024 📍 Jaipur

- Transformed **REST APIs** with distributed caching and restructured indexing, cutting median latency by **60%** for **2,500+ daily users** and improving response consistency across services during peak load
- Spearheaded **database partitioning** of a high-traffic **5TB+ SQL Server** database, reducing query response time by **~40%** and streamlining management of millions of records for more scalable performance
- Created a Client Payments Settlement Module with **Aging Tracking**, and automated invoicing/notifications using Java microservices; enhanced financial visibility, reduced reconciliation errors, and decrease manual effort by **50%**
- Engineered a tag-based reporting framework (**Spring Boot + SQL**) unifying **20+** tables; enabled self-service reports, reduced IT requests by **35%**, and cut delivery time from hours to minutes

Trainee Software Engineer

NAV Fund Administration Group

📅 04/2021 - 09/2021 📍 Jaipur

- Delivered an automated tax filing solution (**ReactJS + Java Spring Boot + SQL Server**), integrating frontend, backend, and database layers; lessened filing cycle time by **50%**
- Contributed in refactoring a legacy monolithic application into microservices (**Spring Boot + .NET**) and building React UIs, gaining hands-on experience in modular design, scalable architectures, and **Test-Driven Development (TDD)**
- Participated in **Agile sprint** planning and retrospectives, contributing to **Scrum** adoption and helping the team improve sprint consistency and throughput

EDUCATION

B.Tech in Computer Science & Engineering

Indian Institute of Technology Gandhinagar

📅 07/2016 - 07/2020

Higher Secondary

Kendriya Vidyalaya No. 2

📅 04/2014 - 03/2015

PROJECTS

Redis Cluster Migration

- Orchestrated migration of Redis to a clustered setup, enabling horizontal scaling and high availability
- Improved data throughput by **66%**, optimised memory utilisation, and strengthened reliability of high-volume Cassandra data ingestion pipelines

Java 8 to 21 Migration

- Upgraded 5+ production microservices to Java 21 (LTS), leveraging modern garbage collectors (**G1/ZGC**) for refined heap utilisation, runtime efficiency, and long-term platform support

Custom Grouping

- Built a high-performance data aggregation system across **Java and .NET services**, leveraging parallelism and multithreading
- Developed resilient exception handling and on the fly grouping logic, ensuring **99.99%** accuracy in financial consolidations and reducing discrepancies

Kerberos Authentication

- Deployed Kerberos authentication across 5+ **Java microservices**, enhancing security with encrypted communication and ensuring compliance with enterprise standards

EXTRA-CURRICULAR

Tech Talks

Catalogued and delivered internal Tech Talks to share best practices in backend engineering, improve cross-team collaboration, and promote a culture of continuous learning

Technical Assessment

Spearheaded technical assessments for Java backend roles, conducting weekly interviews and streamlining candidate evaluation to help onboard top talent into critical team positions