

SUMMARY

Backend Software Engineer with 4+ years of experience in designing and developing scalable APIs, optimizing systems, and integrations for fintech application.

EXPERIENCE

- [KredX](#) - **Software Engineer (Backend)**
Sep 2021 - Present · 3 years 2 months
 - Designed and developed personalized notification settings and easy opt-out options in multichannel notification flows for 20K+ active users, optimizing engagement with targeted promotional messaging and reduced spamming.
 - Streamlined operations by automated various workflows and third-party integrations of KYC service for quicker HUF user onboarding, risk assessment service for quicker small ticket sanctions to vendors and banking services, reducing TAT to near real-time.
 - Developed backend module for independent financial advisers (IFAs) with client management features, batch ordering and portfolio insights dashboard.
 - Substantially improved the performance of data aggregation APIs for financier portfolio reports and vendor consolidated receipts, reducing response times by 70-80% through data flow optimization, and refining database query and indexes.
 - Debugged and fixed production issues, automated recurring error-prone manual database operations with dedicated admin APIs with appropriate sub-role based access, reducing technical support dependency and improving overall efficiency.
 - Enhanced code maintainability and efficiency through refactoring for best practices, optimizing database queries and indexes, unit testing and documentation.
 - Actively participated in design discussions, code reviews, mentoring new teammates and ensuring code quality, resulting in ~50% faster onboarding time for new hires.
 - Tech: Java, Spring Boot, Kafka, PostgreSQL, AWS, Python, FastAPI, MongoDB
- [Evalueserve](#) - **Business Analyst**
Jun 2021 - Sep 2021 · 4 months
 - Worked as Data Engineer, to develop python scripts to create high quality dataset for in-house generative AI language model, by extracting and resolving text formatting inconsistencies in over 200+ business proposal and feedback text documents.
 - Tech: Python, Spark
- [Indus Valley Partners](#) - **Associate Application Engineer**
Apr 2019 - Oct 2019 · 6 months
 - Optimized internal application performance by developing and maintaining efficient SQL stored procedures for consumption report generation.
 - Created Python script to extract, transform and load data from multiple sources, creating a centralized repository of sales activity logs for improved data analysis.
 - Tech: Python, SQL Server, C#, .NET

PROJECTS

- [Eventful Journal](#) · 2024
 - Developed a microservice-based system with 2 services - one for role-based user CRUD operations and user-specific data access control, including admin-specific user role management. This service publishes events to a messaging queue.
 - The second service consumes these events, persists them, and provides role-based access to user activity logs, ensuring user-specific data protection.
 - Leveraged JWT-based authentication/authorization, event streaming, containerization and Swagger UI for API documentation.
 - Tech: Java, Spring Boot, Spring Security, Kafka, PostgreSQL, Docker

CONTACT

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[!\[\]\(55ca3a38dbb940110628e54e3ea7505d_img.jpg\) github.com/mydv](https://github.com/mydv)

SKILLS

- Data Structures, Algorithms, SDLC
- RESTful APIs, TDD, Multithreading, Microservices, AWS
- Java, Dropwizard, Spring Boot, JPA, Maven, Git, JUnit
- PostgreSQL, MongoDB, Sqitch
- Familiar with
 - Docker, Kubernetes, CLI, Jenkins
 - Kafka, Elasticsearch, Redis
 - Python, Javascript, Shell
 - Prometheus, Loki, Grafana
 - Markdown, HTML, CSS

EDUCATION

M.Sc. Computer Science

University of Delhi
Feb 2019

B.Sc. Computer Science(H)

University of Delhi
Jun 2016

ACHIEVEMENTS

- Received "The Transformer" award at KredX for demonstrating innovation and strategic thinking in resolving critical business issues.
- Authored a highly upvoted [solution](#) to a popular hard problem on LeetCode, ranked 8th out of 2116 solutions with 200+ upvotes.