

Naman Sharma

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Experience

Fiserv | Gurugram & Pune

Tech Lead | 10/2015 - 11/2024

Roles Progression: Application Developer → Tech Lead (2015 – Present)

Throughout my tenure at Fiserv, I have driven modernization, security, scalability, and process efficiency, leading initiatives across full-stack applications, cloud migrations, and CI/CD implementations.

- Led a full-stack modernization from JDK 8 to JDK 17, improving maintainability and performance while managing a 5-member team.
- Navigated complex Jakarta EE namespace transition (javax.* to jakarta.*), resolving multi-layered dependency conflicts while maintaining API compatibility
- Configured CI/CD pipelines to support multi-version testing, ensuring stability during incremental migration phases.
- Established rigorous testing protocols with 90%+ JUnit test coverage to maintain code quality and validate application behavior across Java versions during transition.
- Documented migration patterns and pitfalls, creating a reusable knowledge base for future platform upgrades.
- Developed 7 adapter modules using DDD & Hexagonal Architecture, enabling seamless API integration with a new in-house credit-card processing platform while ensuring backward compatibility. Designed APIs with identical signatures, allowing dynamic data transformation and plug-in/plug-out flexibility during packaging.
- Migrated databases from Oracle to PostgreSQL, improving performance, scalability, and enabling quick sandbox environments for developers by eliminating dependency on Oracle instances.
- Designed a dual-DAO layer for backward compatibility, dynamically selecting the right database library during packaging/deployment to support both Oracle and PostgreSQL seamlessly.
- Integrated a custom server-side rendering UI framework, reducing rendering times by ~54%, significantly enhancing user experience.
- Redesigned CI/CD workflows using GitLab CI & Rundeck, reducing deployment time from days to mere hours.
- Pioneered a "single-app-single-package" deployment strategy, cutting code delivery time from 4 hours to 1 hour for multi-tenant applications before GitLab CI was introduced in the organization.
- Embedded security within CI/CD through shift-left & DevSecOps methodologies, implementing automated scans with Fortify, WebInspect, and Sonatype.
- Led a special focus group to resolve ~11,000 vulnerabilities across legacy applications, strengthening security posture before the Java 8 to Java 17 migration.
- Automated vulnerability tracking by creating a workflow to extract Wiz.io and Fortify reports, generating a custom remediation dashboard updated nightly to monitor and prioritize SAST & DAST vulnerabilities, ensuring SLA-compliant security fixes.
- Led the rapid resolution of the Log4j vulnerability, patching three legacy applications in on-prem within 24 hours of detection, mitigating potential security risks.
- Designated security champion for the development team, collaborating with a cross-functional team to manually test and validate vulnerabilities.
- Re-platformed full-stack applications to AWS, conducting PoCs for migrating on-prem applications using EC2 bare metal post-migration.
- Consulted with the infrastructure team to design containerized deployment strategies, leveraging Docker, Harbor, and ArgoCD for seamless cloud-native operations.
- Configured Kubernetes & Helm charts for two applications, improving deployment efficiency in native Kubernetes environments.
- Advised on cloud hosting strategies, collaborating in weekly POD meetings to optimize application architecture.
- Designed and implemented APIs for a full-stack application integrating with three MasterCard workflows, enabling real-time dispute and fraud resolution and reducing case closure time from weeks to days. Led a 3-member group as a senior developer.
- Developed data dictionaries for API transformers, optimizing data flow and reducing errors by 23%.
- Engineered a scalable Role-Based Access Control (RBAC) framework using JSON structures, enhancing security and flexibility.
- Led Agile transformations using SAgE methodologies, increasing team efficiency by 32%.
- Mentored and led engineering teams, driving daily stand-ups, rigorous code reviews, and best practices adoption.
- Managed security & compliance initiatives, ensuring enterprise-grade application security and compliance under SLA commitments.

Infosys | Pune

Senior Systems Engineer | 07/2012 - 10/2015

Roles Progression: Systems Engineer → Senior Systems Engineer (2012 - 2015)

- Coded multiple services for fetching data from mainframe systems by using Spring integration.
- Worked on implementing reporting for the application using Apache Chemistry.
- Coded multiple spring batch jobs which run overnight to ETL the files received from the Mainframe to the database.
- Implemented quality tools such as checkstyle, pmd, and sonar for each build cycle.
- Designed the pom structures for all the project modules involved and help in creating simple solutions for workspace setup.
- Improving the time in getting the code setup done with minimal time for new developers and getting them familiar with the framework using key focus methods and documents.
- Followed coding and documentation standards with extensive use of Confluence and Jira
- Involved in peer code reviews and performed integration testing of the modules.
- Responsible for Delivery, User Acceptance Test issues for the application.

Tech Stack: Java 1.5 | Spring batch 3.x | Spring Core 3.x | Oracle 12.1 | Shell

Skills

Java, Python, GitLab, Jenkins, Shell Scripting, IAM (Identity & Access Management), AWS, Linux, PostgreSQL, Oracle, Redis, Wiz, System Design, MSA

Certificates

DeepLearning.AI Generative AI with Large Language Models, DeepLearning.AI Generative AI for Software Development

Education

Chitkara University | Baddi, Himachal Pradesh
Bachelors in Engineering Computer Science | 08/2012

IMT Ghaziabad | Ghaziabad
Executive Program Business Management | 07/2021