

# Aditya Chandeliya

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## SUMMARY

Experienced software developer with 7 years of expertise building scalable, event-driven Spring Boot applications across domains like Payments, Logistics, and Finance.

Skilled in Java (8–17), Kafka, REST APIs, and microservice architecture with a strong focus on clean code, secure design, and cloud deployment (GCP, PCF).

Proven ability to lead end-to-end development, optimize system performance, and contribute to architecture decisions in agile environments.

## TECHNICAL SKILLS

- **Programming Languages** - Java, Python, Bash.
- **Framework and Libraries** - Springboot, Java Persistence API, Hibernate, Jackson, Apache, Spring Security, Jakarta, ShedLock, Spring Cloud Function.
- **Architecture and Design** - Microservices, Hexagonal, MVC, Event-driven, Domain-driven.
- **Communication Protocols and Messaging** - RestAPI, Kafka, Google Pub/Sub.
- **Databases**: Oracle SQL, PostgreSQL, Google Datastore, and Google BigQuery.
- **Continuous Integration** - GitHub Action, Jenkins.
- **Analytics** - BigQuery, Splunk.
- **Tools and Development** - Gradle, Maven, JUnit, Mockito, IntelliJ, VS Code, Bitbucket, Jenkins, Git, RapidAPI, Sonarqube
- **Cloud and Infrastructure** - Pivotal Cloud Foundry, GCP, Docker, Terraform.

## EXPERIENCE

**Software Engineer 2** - Mastercard, Pune, MH | Feb 2025 - Present

*Industry Domain - Payments*

**Environment** - Java 17, Springboot 3, Microservices, Event Driven Architecture, Pivotal Cloud Foundry, Kafka, Jenkins, RestAPI, Oracle SQL, Event Driven, Bitbucket, SonarQube.

- Developed and maintained high-throughput, event-driven microservices for Mastercard's commercial payments platform using Java 17 and Spring Boot 3.
- Architected and implemented scalable core payment features, integrating Kafka for seamless, asynchronous communication across distributed systems.
- Deployed services on Pivotal Cloud Foundry with automated CI/CD pipelines (Jenkins + Bitbucket), ensuring secure, reliable, and compliant releases.
- Built RESTful APIs aligned with industry standards for performance, security, and usability, enabling smooth enterprise integration.
- Enforced code quality through rigorous code reviews, static analysis via SonarQube, and robust unit/integration test coverage.
- Partnered with product and engineering teams to define requirements, streamline delivery pipelines, and launch impactful, production-grade features.
- Led architectural discussions and authored Architecture Decision Records (ADRs), championing clean code principles and modern design patterns across teams.

## **Application Developer Consultant** - ThoughtWorks, Pune, MH | Feb 2022 - Feb 2025

*Industry Domain - Logistics | Client - Confidential, Germany*

**Environment** - Java 8 - 17, Springboot 3, Microservices, Event-driven, Hexagonal Architecture, Kafka, RestAPI, Pub/Sub, Google Datastore, Gradle, Docker, Terraform, JUnit, Mockito, Splunk, BigQuery, Sonarqube, OWASP vulnerability tools, Python, Bash, JSON, YAML, Flow-charts, Github, GitHub Actions, Google Dataflow.

- Cross-functional application development to ensure seamless logistics processing.
- Created robust, optimized, and event-driven microservice to handle high-volume data.
- Analysis of features, gathering requirements, strategizing solutions, clarification, prioritization, breaking down complex processes, and implementing stories by taking complete ownership.
- Designed and developed REST APIs for several functional modules in apps as per requirements.
- Created several Architecture Decision Records for complex or architecturally heavy features.
- Test-driven development using Spring frameworks like JUnit, Mockito, and AssertJ with multi-level testing modules for unit-testing, integration-testing, and end-to-end testing of modules.
- Created a custom Spring Library to support cross-cutting concerns.
- Integration of Splunk within all microservices for business-level event monitoring.
- Adhering to Hexagonal architecture, separating core processing & event consumption/publishing.
- Code refactoring to maintain separation of concerns, reduce code redundancy, and maintain code readability, along with leveraging Java later functionalities (Java 8 to Java 17).
- Maintaining the Cloud infrastructure on GCP and maintaining it using Terraform.
- Leveraging internal microservice communication via Google Pub/Sub.
- Troubleshooting bugs.
- Implemented security provisioning by integrating OWASP scanning tools like Trivy and OWASP-Dependency-Check.
- Created Python/Shell scripts to support multiple ad-hoc requests/operations.

## **Systems Engineer** - Tata Consultancy Services, Pune, MH | Apr 2021 - Feb 2022

*Industry Domain - Banking and Finance / Auditing | Client - Confidential, Germany*

**Environment** - Java 8, Springboot, Microservices, RestAPI, MySQL, JUnit, Mockito, JasperReports, Jaspersoft Studio.

- Designed and implemented RESTful APIs for front-end communication via structured JSON payloads.
- Developed an in-house auditing platform using Spring Boot, following MVC architecture for clean separation of concerns and maintainability.
- Delivered secure, accurate PDF/HTML data reports using JasperReports and custom templates built in Jaspersoft Studio.
- Managed database operations in Oracle SQL, ensuring data integrity and optimized query performance.
- Actively participated in a SAFe Agile team setup, consistently delivering sprint goals on time through effective collaboration.
- Wrote robust unit tests using JUnit and Mockito to enable early bug detection and promote reliable code delivery.

**Software Developer** - Walkover Web Solutions, Indore, MP | Apr 2019 - Mar 2021

Industry Domain - Banking and Finance | Project - Giddh (<https://giddh.com>)

**Environment** - Java 8, Springboot, RestAPI, PostgreSQL, MongoDB, JUnit, BitBucket, JavaScript.

- Worked in the core development team for the GST-compliant, ledger-based accounting solution Monolithic software.
- Implemented multiple accounting features, such as an automatic amount settlement feature by calculating the ledger for voucher adjustments.
- Springboot-based development on Java 8, providing RESTful API endpoints to communicate with the front-end server, adhering to client-server-based MVC architecture.
- Database maintenance on PostgreSQL to maintain accounting records.
- Created an Audit Logging feature to capture User activities like creation, updation, and deletion of application Entities, and used MongoDB to dump the custom audit logs data.
- Integrated third-party application login feature via Apple Login.
- Integrated Shopify API within the application.
- Created Postman API monitor for end-to-end testing, ensuring API health and response time, leveraged using Postman cloud, and wrote test cases in JavaScript.
- Worked in several methodologies like Agile and Kanban, and experimented with different work styles.

**Associate Application Developer** - Accenture, Pune, MH | May 2018 - Mar 2019

Industry Domain - FMCG | Client - Confidential, London, UK

- Product support and maintenance.
- Reduction of report preparation by automating the process via a Python script and reduced 80% of the time invested.

**Internship - Educator/Tutor** - Unacademy, Remote | Jun 2017 - Aug 2017

Industry Domain - Education

- Made tutorials on Java core programming
- The impact reached 5000+ followers on Unacademy with over 18000+ watch time.

**EDUCATION:**

**Computer Science and Engineering** - Bachelor of Engineering | 2014 - 2018

Devi Ahilya University, Indore, MP