

# Siddhartha Agrawal

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## Professional Summary

Backend Developer with over 2.8 years of experience in the fintech domain. Proficient in Java, Spring Boot, Microservices, Databases, and CI/CD pipelines. Skilled in developing distributed enterprise-grade Java microservices in Agile environments. Proven ability to improve API performance by 30–40% and enhance system reliability. Demonstrated strong problem-solving skills and implemented AWS services (e.g., EC2, S3, CI/CD) in personal and professional projects showcased in my [portfolio](#).

## Technical Skills

- Programming Languages: Java (Core, Advanced), Java 8 Features (Streams, Lambdas)
- Data structures and algorithms
- Frameworks: Spring Boot, Spring MVC, Spring Security, Hibernate
- Architecture: Microservices, REST APIs, SOAP APIs, Apache Camel
- Databases: Cassandra, Redis
- Testing: JUnit, Mockito
- Multithreading, Collections Framework
- CI/CD & Containers: Docker, CodeBuild, CodeDeploy, Kubernetes
- Cloud: AWS (EC2, S3, IAM)
- Tools: IntelliJ IDEA, GitHub, GitLab, Maven, SonarQube, Splunk

## Professional Experience

- Java Backend Developer | HCL Technologies (Client: Western Union, Mastercard) | May 2022 – Present
- Designed and developed **RESTful APIs and microservices** for the Retail Money Order (RMO) application.
- Participated in Agile Scrum team practices, including code reviews, **unit testing**, and documentation.
- Implemented **middleware solutions** to track and validate transactions before printing money orders
- Developed and maintained integration flows between internal microservices and external third-party systems using **Apache Camel** with **Spring Boot**.
- Optimized API response times by **30% via Redis caching and DB query optimization**.
- Improved RMO database performance by 40% through optimization strategies.
- Integrated **CI/CD pipelines** and contributed to DevOps automation efforts.
- Developed **RESTful APIs** for a Monolithic Onboarding Portal and secured APIs using Spring Security
- Collaborated with cross-functional teams to enhance user onboarding processes.
- Designed and implemented **custom Splunk dashboards** to monitor **production error codes**, enabling real-time visibility into system failures and service health.

## Certifications

- AWS Certified Cloud Practitioner – Amazon Web Services (Issued: June 2025)

## Education:

Bachelor of Technology (B. Tech) in Information Technology (CGPA: 8.0) | May 2022 | AKGEC Ghaziabad, India