

# KRISHNA PODDAR

Senior Java Developer || Microservices & Cloud-Native Architect



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## CORE COMPETENCIES

- » Full Stack Architecture & System Design
- » Microservices & Distributed Systems Engineering
- » Enterprise Application Development (Java / Spring)
- » End-to-End SDLC Ownership & Delivery
- » Cloud-Native Application Engineering
- » Requirement Gathering & Elicitation || Business Analysis
- » API Strategy & Integration Architecture
- » Performance Optimization & Scalability Engineering
- » Secure Application Development (OAuth / JWT)
- » Production Stability & Incident Management
- » Agile / Scrum & DevOps Methodology
- » Continuous Integration & Deployment (CI/CD)
- » Troubleshooting & Debugging || Code Review & Feature Enhancement
- » Technical Mentorship & Training
- » Risk Assessment, Compliance & Quality Governance

## TECHNICAL SKILLS

- » **Programming Languages:** Java 17, Python, PHP
- » **Backend Frameworks & Libraries:** Spring Boot, Spring MVC, Spring Data JPA, Spring Data REST, Hibernate, Microservices, Struts, Django, Guava Cache
- » **Frontend Technologies:** HTML, CSS, JavaScript, JSP, JSTL
- » **API & Messaging:** RESTful Web Services, OpenAPI (Swagger), Kafka, RabbitMQ, Servlet API
- » **Authentication & Security:** JWT, OAuth
- » **Databases & Data Stores:** MySQL, PostgreSQL, Oracle SQL, MongoDB, Couchbase (Basics)
- » **Cloud & DevOps:** AWS (EC2, S3, ECR, CodeDeploy), Docker, Kubernetes (Basics), CI/CD Pipelines

## PROFILE SUMMARY

- » **Technology-Oriented Senior Software Engineer** with nearly 9 years of enterprise engineering experience delivering **high-availability, cloud-native & performance-critical platforms** across **fintech, trading systems, SaaS, media protection & data-intensive ecosystems**.
- » Proven expertise in architecting **Spring Boot 3 & Java 17-based microservices**, designing scalable APIs, and deploying production-grade systems on **AWS** with strong governance around **security, quality & resilience**.
- » **Awarded 2023 Distinguished Service Award** for driving high-impact delivery and technical leadership.
- » **Awarded 1st Prize – Hackathon 2024** for advanced audio denoising & processing using Python & FFmpeg.
- » Notable success in building & owning **mission-critical FX trading gateways, straight-through processing (STP) platforms, audio fingerprinting services, SaaS compliance systems & large-scale reporting pipelines**.
- » Known for **end-to-end SDLC ownership**, driving **DevOps maturity**, automating CI/CD pipelines, and stabilizing high-volume production systems.
- » A hands-on technical leader recognized for resolving **complex production incidents, optimizing system performance by 90%** & aligning engineering execution with business outcomes in distributed and remote-first environments.
- » **Award-winning innovator** with proven capability to **translate complex requirements into reliable, scalable, and secure software solutions**.
- » Showcased excellence by achieving **95% reduction in software bugs** through rigorous testing procedures & proactive code issue resolution, ensuring high-quality software delivery. Implemented a new software feature that led to an **increase in user satisfaction**.

## WORK EXPERIENCE

Citicorp Services India Pvt. Ltd., Pune || Full Stack Application Developer - Java

OpSec, Gurugram || Senior Software Engineer - Java (Remote)



Damco Solutions Pvt. Ltd., Noida || Senior Software Engineer - Java

## ROLES ACROSS THE CAREER

### Innovation & Industry Recognition:

- » Secured 1st Prize at the Hackathon 2024 at Opsec for designing advanced audio denoising and infringement-detection solutions that mitigated copyright risks across multiple digital platforms.

### Distinguished Performance Excellence:

- » Honored with the Distinguished Service Award (2023) at Damco Solutions for consistent delivery excellence, technical leadership, and client impact.

### Client Engagement & Requirement Governance:

- » Led complex client engagements, leveraging strong negotiation & communication capabilities to elicit requirements, align technical specifications & translate business objectives into executable solutions.

- » **Testing & Quality Engineering:** JUnit, Mockito, TestNG, Selenium, Postman
- » **Monitoring & Observability:** Grafana, Prometheus, Loki, Zipkin
- » **Build, SCM & Collaboration:** Git, GitHub, Bitbucket, Maven, Gradle, TeamCity, UDeploy, ServiceNow, SonarCloud
- » **Code Quality & Compliance:** PMD, CPD, Checkstyle, BlackDuck, Linters
- » **Other Tools:** FFmpeg, Notion, Figma

## SOFT SKILLS



## EDUCATION

- » **B.Tech. (Computer Science Engineering) ||**  
MNNIT, Allahabad || 2017

- » Conducted risk assessments and contributed to finalizing project scope, timelines, and resource plans, ensuring delivery certainty and high client satisfaction.

### Code Quality & Engineering Governance:

- » Institutionalized robust code quality frameworks using PMD, CPD, Checkstyle, Blackduck, and SonarCloud, significantly improving maintainability, reliability, and security posture.
- » Established CI/CD pipelines to standardize development practices and ensure consistent, production-ready code across projects.

### Technical Leadership & Team Enablement:

- » Directed the design, development, and deployment of scalable Java applications, optimizing performance and enhancing end-user experience.
- » Mentored junior engineers through hands-on guidance and technical coaching, fostering a culture of innovation, ownership, and continuous learning.

### Problem Solving & Engineering Innovation:

- » Proactively identified and resolved complex technical challenges across all SDLC phases, minimizing delivery risk and safeguarding timelines.
- » Championed the adoption and integration of emerging technologies, driving innovation and improving operational efficiency.

### Product Lifecycle Ownership:

- » Managed products end-to-end from ideation through deployment, ensuring alignment with business strategy and evolving market demands.
- » Partnered with cross-functional teams to define product roadmaps and prioritize features based on customer feedback and market intelligence.

### Quality Assurance & Compliance Excellence:

- » Implemented rigorous testing strategies, including automated and performance testing, to validate functionality, scalability, and security.
- » Ensured strict adherence to industry standards, regulatory requirements, and internal quality benchmarks.

### Agile Transformation & Delivery Management:

- » Led continuous improvement and agile transformation initiatives, materially improving team productivity and delivery velocity.
- » Managed project timelines, budgets, and resources with precision, consistently delivering high-quality outcomes within defined constraints.

## PROJECTS MANAGED

### Social Audit Reporting Platform

#### Automated Social Media Verification

**Technologies Used:** Java, PHP, Python, Flask, AWS, MySQL

**Period:** [Jun 2024 – Feb 2026]

#### Key Accomplishments

- » Built social media scraping and audit solutions across YouTube, Facebook, TikTok, and other platforms.
- » Automated metadata extraction, vendor verification, reporting, and alerting workflows.

### Audio Audit Project

#### End-to-End Media Audit Platform

**Technologies Used:** Kafka, REST APIs, AWS S3, MongoDB, MySQL

**Period:** [Oct 2023 – Aug 2025]

#### Key Accomplishments

- » Delivered the Audio Audit platform from inception to production within three months.
- » Built scalable ingestion, processing, storage, and reporting workflows for audio data.

### FPaaS – Fingerprinting as a Service

#### Audio & Video Asset Identification

**Technologies Used:** Audible Magic, Java 17, Spring Boot, Microservices, AWS, Mysql, Mongo, RabbitMQ, Kafka, etc.

**Period:** [Apr 2022 – Feb 2026]

#### Key Accomplishments

- » Implemented fingerprinting for audio and video assets using Audible Magic and video in technologies.
- » Developed signature-matching logic to accurately identify and report asset matches, strengthening content protection.

### SEO Search Analytics

#### Keyword Intelligence & Reporting

**Technologies Used:** MySQL, Google AdWords API

**Period:** [2024 - 2025]

#### Key Accomplishments

- » Managed end-to-end SEO search analytics workflows, handling keyword requests and analytics delivery.
- » Integrated with Google AdWords API while ensuring data integrity and timely reporting.

### Cloudflare Abuse Report Service Automated Client Abuse Reporting

Technologies Used: Cloudflare API

Period: [Mar 2023 – Jul 2024]

#### Key Accomplishments

- » Developed an automated service to fetch and process abuse reports via Cloudflare APIs.
- » Implemented scheduled report delivery to improve response times and client experience.

### 42Stages Backstage SaaS Platform

#### EU-Regulated SaaS Development

Technologies Used: Java 17, Hibernate, Guava Cache

Period: [Nov 2021 – Mar 2022]

#### Key Accomplishments

- » Contributed to the development of the 42Stages Backstage SaaS platform for EU-regulated organizations.
- » Delivered performant and compliant components aligned with regulatory standards.

### Foreign Exchange Product Gateway (FXPG)

#### Straight-Through FX Trade Enablement

Technologies Used: Java, Spring Boot, Oracle Sql

Period: [Aug 2019 – Jul 2020]

#### Key Accomplishments:

- » Delivered a critical FX gateway enabling seamless trade flow between upstream and downstream systems.
- » Implemented end-to-end Straight Through Processing (STP) workflows, minimizing manual intervention and improving trade processing efficiency.

### Foreign Exchange Data Services (FXDS)

#### Enterprise FX Trade Data Management

Technologies Used: Java, Spring Boot, Mysql

Period: [Aug 2018 – Jul 2019]

#### Key Accomplishments:

- » Designed and implemented a centralized service to store and manage FX deals across multiple data warehouses based on transaction flow types.
- » Ensured scalability and reliability to support high-volume transactional data.

### Commodities CME Exchange Gateway

#### Commodities Trade STP Enablement

Technologies Used: Java, Spring Boot, Mysql

Period: [Aug 2017 – Jul 2018]

#### Key Accomplishments:

- » Spearheaded STP capability development for commodities trading within the CME Exchange gateway.
- » Enhanced trade execution efficiency, accuracy, and operational throughput.

### FXPG Web Tool Development

#### Real-Time Trade Enquiry & Replay

Technologies Used: Java, Spring Boot

Period: [Jul 2020 – Nov 2021]

#### Key Accomplishments:

- » Developed a web-based tool enabling real-time trade enquiry, replay functionality, and user management.
- » Streamlined integration with upstream systems to improve transparency and operational usability.

### Data Discovery Platform – Metadata Publishing

#### Enterprise Metadata Enablement

Technologies Used: Python, Blackduck

Period: [Dec 2017 - Mar 2018]

#### Key Accomplishments

- » Published metadata from CME Exchange and ICE sources into the Data Discovery Platform.
- » Configured Blackduck to strengthen security and compliance across project components.



## PERSONAL DETAILS

Languages Known: English, Hindi

Address: Rajasthan, India