

AMAN MISHRA

FULL STACK DEVELOPER · BACKEND · CLOUD · AI / MCP

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PROFILE

Full Stack Developer with 6.5+ years of experience across Java and Spring Boot services, cloud reliability, cost optimization, event-driven systems, modern web products, and AI/MCP integrations.

TECHNICAL STRENGTHS

Backend	Java · Spring Boot · WebFlux · Microservices · Python · REST APIs
Frontend	React · Angular · TypeScript · JavaScript
Data & events	Kafka · PostgreSQL · MySQL · MongoDB · Snowflake · OpenSearch
Cloud & delivery	AWS · Kubernetes · EKS · GitLab CI/CD · Docker

EXPERIENCE

Senior Software Engineer — R Systems India

Nov 2025 — Present · Noida

IDC Knowledge Platform

IT Engineer — HP PPS Service Ltd

Apr 2023 — Nov 2025 · Bangalore

Associate — Cognizant

Jun 2022 — Apr 2023 · Noida

Software Engineer — HCL Technologies

Mar 2020 — Jun 2022 · Noida

SELECTED PROJECTS

Knowledge Platform MCP Server / AI Assistant Integration

Java · Spring Boot WebFlux · MCP · AWS

AI assistant integration for the IDC Knowledge Platform, connecting model-driven workflows to platform capabilities through MCP.

Platform Janitor

Python · AWS S3 · GitLab API · HTML dashboard

Automated cleanup workflow that removed approximately 5,570 stale GitLab branches.

Snowflake Export Bucket Cost Optimization

AWS S3 lifecycle policies · Snowflake

Reclaimed approximately 35 TB from a roughly 67 TB export bucket in lower environments.

ENGINEERING IMPACT

- Freed ~35 TB from a ~67 TB Snowflake export bucket in lower environments.
- Root-caused an availability SLO breach to an OAuth defect after correlating 9 incident days.
- Removed ~5,570 stale GitLab branches.
- Fixed a 5 GB multipart-upload timeout and validated against 20+ GB files.
- Improved wallet microservice test coverage from 0% to ~73%.
- Planned an EKS 1.33 → 1.34 upgrade.

EDUCATION & CERTIFICATIONS

B.Tech, Electronics & Communication · G.B. Pant Government Engineering College, Delhi · 2015–2019

Java Development Certified Professional · Jan 2022

Certified Web Professional – Web Developer