

# Divyanshu Mishra

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## SUMMARY

Seasoned backend engineer with 6+ years of experience in fintech industry, focused on distributed systems, event-driven microservices, API design, data-intensive workloads, and building scalable backend platforms to streamline complex business workflows.

## EXPERIENCE

### JP Morgan & Chase

Bengaluru, Karnataka

*Senior Associate (Jan 2024 - Present): Past roles in company include Intern, Analyst and Associate*

- **Class Action Claim Application**

- Redesigned a legacy workflow into a scalable ETL application for historical trade data across multiple accounting systems.
- Streamlined submission of requests and real-time monitoring, and removed any error-prone manual steps.
- Improved filing speed by **85%**, significantly reducing manual effort across 3 teams.

**Tech Stack:** *Springboot, DynamoDB, AWS EventBridge, AWS Glue, AWS S3, Apache Kafka*

- **Holdings & Transactions GraphQL API**

- Built GraphQL APIs to distribute position and transaction data to multiple downstream teams.
- Implemented **pagination, rate limiting** and request-throttling to prevent DoS scenarios.
- Integrated GemFire caching to reduce latency for frequently accessed patterns.

**Tech Stack:** *Springboot, GraphQL, GemFire, Oracle DB*

- **JINSIGHT – Jira Insights Platform**

- Developed an MCP-based LLM system to aggregate and analyze Jira tickets within the team's scope.
- Generated **automated insights** on sprint velocity, blockers, and release readiness.
- Delivered detailed summary emails with **actionable recommendations** for retrospectives and sprint planning.

**Tech Stack:** *Python, MCP, OpenAPI, Jira APIs*

- **Orchestrator-based Data Ingestion Pipeline**

- Designed an event-driven ingestion pipeline using AWS EventBridge and Step Functions.
- Orchestrated Glue/PySpark ETL jobs using Step functions for parallel and consistent data loading into the database.
- Implemented downstream notifications to ensure timely data availability to downstream teams.

**Tech Stack:** *Python, AWS Glue, EventBridge, Kafka, Step Functions, Postgres*

## EDUCATION

- **National Institute of Technology(NIT), Allahabad**

Prayagraj, Uttar Pradesh

*B.Tech in Information Technology; CGPA: 9.03*

*July. 2015 – May. 2019*

- **Class 12th ISC Board**

CMS Aliganj, Lucknow

*Percentage: 98.16%*

*2014-2015*

## SKILLS

Microservices, Backend Software Development, API Development, Distributed Systems, Infrastructure Management, AWS Services, Terraform, CI/CD, Oracle, Postgres, Apache Kafka, Model Context Protocol

## ACHIEVEMENTS

- Awarded Circle of Excellence Awards for Engineering Excellence and Innovation at JPMC.
- Participated and won AWS Hackday event in Asset and Wealth Management at JPMC.
- Participated in the finals in Algorithmic Trading Competition at JPMC Bengaluru.