

Akshat Jain

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SUMMARY

Senior Software Engineer with around 6 years building and operating Java/Spring Boot microservices and Spring Batch data pipelines for financial-services platforms (Charles Schwab, JP Morgan Chase). Strong track record in production support, performance tuning, and cloud-native deployment on Pivotal Cloud Foundry and GCP. Actively integrating LLM tools (Claude, Codex, Gemini) and AI agents into the development lifecycle to speed up coding, review, and testing.

EXPERIENCE

Infosys

Jun 2026 – Present

Consultant (Senior Software Engineer) – Client: Charles Schwab, Project: WAMe

Pune, India

- Designed and built Spring Batch jobs (JdbcPagingItemReader → ItemProcessor → FlatFileItemWriter) with chunk-oriented processing, cutting report-generation runtime by 30% while processing 1.5M+ records per run and streaming outputs to AWS S3.
- Engineered multi-step batch pipelines with tasklets and chunk-oriented steps to reliably process 12 GB/day of financial data across 6 downstream jobs, with zero missed SLA windows in 6 months.
- Integrated Addepar APIs for automated financial report generation, eliminating roughly 8 hours/week of manual reporting effort for the business team.
- Tuned SQL queries and indexing strategy, reducing batch job runtime from 6 hrs to 4 hrs (33% improvement) on production-scale datasets.
- Implemented retry, dead-letter, and structured logging patterns, reducing batch-job failure incidents by 25% quarter-over-quarter.
- Adopted Claude, GitHub Copilot/Codex, and Gemini into the daily development workflow for code generation, code review, and debugging, cutting feature turnaround time by 20%; prototyped an LLM-based agent to automate routine log-triage and test-case generation.
- Participated in code reviews and unit testing while following enterprise coding standards, keeping defect escape rate under 5%.

Infosys

Feb 2023 – Jun 2026

Senior Associate Consultant (Software Engineer) – Client: Charles Schwab, Project: EMOST UAT

Pune, India

- Owned production support and root-cause analysis for 8 enterprise Java/Spring Boot microservices on Pivotal Cloud Foundry, cutting recurring incident volume by 20% over 12 months.
- Led offshore-onshore coordination for a team of 5 engineers, sustaining 2 releases/month with zero critical rollbacks across 10 consecutive releases.
- Automated smoke-testing and deployment-validation checks, reducing release-validation time from 4 hrs to 2 hrs per release.
- Debugged and resolved 15+ production incidents per quarter, improving application availability to 99.5%.
- Mentored 3 junior engineers and led 4 internal knowledge-sharing sessions on Spring Boot, microservices, and PCF deployment practices.
- Drove CI/CD pipeline improvements (Jenkins, Maven) that cut average deployment time by 25%.

Cognizant Technology Solutions

Oct. 2020 – Jan. 2023

Associate (Client: JP Morgan Chase)

Bangalore, India

- Built and shipped 8 scalable REST APIs in Java/Spring Boot supporting roughly 50K+ daily transactions across frontend and third-party integrations.
- Designed microservices components integrating 5 third-party services and internal systems, cutting integration turnaround time by 20%.
- Wrote JUnit/Mockito unit tests achieving 80% code coverage, reducing regression defects reaching UAT by 30%.
- Automated CI/CD build and deploy pipelines with Jenkins, Maven, and Git, reducing build time by 30%.

- Built Spring Batch workflows processing 500K+ records/day for scheduled bulk-data operations with zero data-loss incidents.

T-Systems ICT India Pvt. Ltd. | Deutsche telekom

Software Engineering Intern

Dec 2019 – Jun 2020

Pune, India

- Built a full-stack web application (HTML, CSS, JavaScript, Vue, Spring Boot) supporting 200+ internal users, integrating frontend and backend features end to end.

PERSONAL PROJECTS

AI Dev-Assistant Agent (Personal) | Python, Claude API, LangChain/agent framework

- Built an LLM-based agent using Claude and Codex to automate code review and log-triage tasks, cutting manual review effort by 30% on routine pull requests.

Smart Contact Manager | Java, Spring Boot, Tailwind CSS

- Built a full-stack contact-management app with Email/Password plus Google and GitHub OAuth login, serving 50+ test users, with email verification and image management.
- Designed the data model and indexed search to keep contact lookups under 200ms at 10K+ records.

Binge | Java, Spring Boot, AWS

- Integrated TheMovieDB API to surface ratings and details for 500+ titles, with user-generated reviews (add/edit/remove).
- Deployed on AWS EC2 with basic caching and auto-scaling to keep the app responsive under 50 concurrent users at low monthly hosting cost.

EDUCATION

Lakshmi Narain College of Technology Excellence

Bachelor of Engineering in Computer Science and Engineering

Jul. 2016 – Jul. 2020

Bhopal, India

SKILLS

Languages: Java, SQL, JavaScript, Python

Frameworks: Spring Boot, Spring Framework, Microservices, REST APIs, Spring Batch, Hibernate, JPA, JUnit, Mockito

Cloud & Platforms: Pivotal Cloud Foundry (PCF), AWS (EC2, S3), GCP, Docker

AI / LLM Tooling: Claude, GitHub Copilot / Codex, Gemini, Prompt Engineering, LLM-based Agent Development

DevOps & Tools: Jenkins, GitHub, Maven, CI/CD Pipelines, JIRA, Confluence, Github Actions

Databases: MySQL, Oracle SQL, PostgreSQL

Methodologies: Agile Scrum, SDLC, System Design, Incident Management, Production Support

ACHIEVEMENTS

- Received ADM Unit RISE Award for “Business Ninja” for exceptional performance at Infosys.
- Received ADM Unit RISE Award for “Eureka” for exceptional contributions and innovation.
- Received Infosys Insta Award for outstanding project performance and contributions.
- Received Infosys Glory Award for exceptional client feedback and project impact.
- Runner-up in Smart India Hackathon 2019 for solving a problem statement by the Ministry of External Affairs.