

PREYASH AMAR MEHTA

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Professional Summary

Full Stack Software Engineer with 2+ years of experience building member-facing and backend systems using Java, Spring Boot, React, TypeScript and AWS. Proven ability to design scalable microservices, REST APIs, and cloud-native solutions supporting high-traffic customer workflows with strong emphasis on reliability and production readiness. Experienced collaborating with product and cross-functional teams to deliver impactful features while modernizing systems through iterative, data-driven, and AI-assisted engineering.

Technical Skills

Programming Languages:	Java, TypeScript, JavaScript, SQL, Python
Backend Development:	Spring Boot, Spring MVC, GraphQL, Node.js, FastAPI, HTTP, JSON
Frontend & Frameworks:	React.js, Redux, Zustand, HTML, CSS, Tailwind CSS, Vite
Databases & ORM:	PostgreSQL, MySQL, Redis, MongoDB, Hibernate, Sequelize
Cloud & DevOps:	AWS, Docker, Kafka, Jenkins, GitHub Actions, Terraform, Control-M
Testing & Observability:	JUnit, Mockito, Jest, Cypress, Postman, Logging, Monitoring
Developer Tools:	Git, GitHub, VS Code, IntelliJ, GitHub Copilot, OpenAI APIs

Professional Experience

Formless Inc

June 2024 – October 2024

Software Engineering Intern

- Developed APIs in Spring Boot and Node.js and deployed via Jenkins-based CI/CD pipelines (integrated with GitHub Actions) to AWS ECS and Lambda, resolving production incidents and response latency by **30%**.
- Engineered customer-facing GraphQL APIs and schemas consumed by React applications, improving feature reliability by **18%** while enhancing CloudWatch monitoring and logging.
- Built and shipped React-based frontend features integrating REST APIs with validation logic, state management, and consistent UI patterns, improving workflow reliability and operational task completion rates.

Atos

March 2023 – June 2023

Associate Consultant - GCM 2

- Led the migration of backend services into modular Java components for banking clients, supporting over 500,000 daily ledger events using Kafka-based messaging with PostgreSQL-backed persistence.
- Enhanced high-volume React.js workflows and frontend services, increasing user task completion rates by **25%** while enhancing the reliability of customer-facing dashboards.
- Collaborated with cross-functional Agile teams in sprint planning, retrospectives, and backlog refinement, leveraging Jira to maintain epics, user stories, and velocity metrics.

Atos

March 2021 – February 2023

Associate Consultant - GCM 1

- Created services in Java and Node.js on AWS EC2, exposing APIs for critical payment workflows with optimized SQL access and maintaining **99.9%** uptime.
- Optimized backend performance using query tuning, schema design, and caching strategies, improving response times by **21%** while maintaining reliability for high-frequency pipelines.
- Strengthened service quality through automated unit and API testing using JUnit, Mockito, REST-assured and Jest, reducing regressions and enabling safer, repeatable customer-facing deployments.
- Instrumented enterprise job scheduling with Control-M, coordinating batch executions, tracking dependencies, and monitoring SLA adherence across distributed environments.

Projects

InsightIQ – AI Analytics Dashboard

| React.js, TypeScript, FastAPI, Docker, PostgreSQL, Redis, LLMs

December 2025

- Programmed InsightIQ, a data ingestion and analytics platform using FastAPI and React, leveraging Claude for AI-assisted backend development, test generation, and API validation across asynchronous workflows with PostgreSQL and Redis.

Personal Data Vault

| Java, Spring, React.js, MySQL, JWT, Web3j, Docker, WebSocket, Swagger

November 2025

- Worked on building Spring Boot backend services with JWT authentication, OpenAPI documentation, and transactional workflows, ensuring secure state management and stable performance under concurrent, high-throughput request loads.

Education

Northeastern University

Boston, MA, USA

Master of Science in Computer Software Engineering (**GPA: 3.83**)

2025

Teaching Assistant – CSYE:7374 Design Patterns

Relevant Courses: Object-Oriented Design, Web Development, Cloud Computing, Data Structures & Algorithms, Design Patterns

Savitribai Phule Pune University

Pune, MH, India

Bachelor of Engineering in Computer Engineering (**GPA: 3.70**)

2020

Relevant Courses: Machine Learning, System Design, Database Management, Computer Science, Information Systems, Distributed Systems