

Technical Skills

Languages	Java/J2EE, Scala, JavaScript, MySQL, XML, HTML, Python, Node JS, Kafka
Technologies & Frameworks	Spring, Angular, Spring Boot, REST, Microservices, AWS, Jenkins, Git
DBMS	MySQL, Oracle DB, MongoDB, PostgreSQL
Project Management	Agile, Scrum, Kanban, Waterfall, Jira, Project Lifecycle Management, Cross-functional Team Leadership, Stakeholder Communication, Risk Mitigation, Budget Management

Experience

- Technical Program Manager | University Of Chicago** Aug '23 - Present
  - Led backend development and technical program management for a Spring-based financial platform, optimizing payment workflows for 5,000+ users.
  - Improved release efficiency by reducing deployment time by 25% through Jenkins automation and Agile best practices, driving continuous integration and delivery.
  - Built AI-driven risk assessment models at Phoenix AI, enhancing fraud detection and anomaly detection.
  - Designed and optimized RESTful APIs, reducing response times by 20% through caching and data modeling.
  - Mentored 5 junior engineers driving 50+ code reviews, improving code quality and team productivity by 20%.
- Full Stack Engineer | NSEIT Ltd** April '21 - Jan '22
  - Led a team of 5 engineers in developing BNX-Brunei Stock Exchange, increasing system reliability by 40%.
  - Managed full stack development using Java, Spring Boot, Angular and React with Microservices reducing transaction processing time by 30%.
  - Spearheaded the design and implementation of 20+ front-end features, reducing page load time by 30%.
  - Delivered high-priority financial modules, ensuring 100% on-time delivery across 3 major releases.
  - Optimized MySQL databases, reducing query response times by 25% and improving data throughput.
  - Implemented security layers for the web application using **Spring Security and JWT-based authentication**, ensuring **secure API access and user authentication**.
- Software Engineer | Virtusa** Jan '21 - Apr '21
  - Liaised between clients and internal teams, ensuring alignment with project goals.
  - Managed project timelines and resources, ensuring on-time delivery and adherence to budget.
  - Migrated legacy systems to AWS/Docker, reducing costs by 40% and boosting scalability.
  - Enhanced data retrieval by 20% through MVC integration with Spring, addressing customer needs.
- Software Engineer | Patterns Cognitive** Oct '17 - Dec '20
  - **Led end-to-end software development lifecycle (SDLC) activities** for Tata Capital Financial Services, collaborating with cross-functional teams from **requirement gathering** and **system design** to **development, testing, and production deployment**, ensuring timely and efficient delivery of financial applications.
  - Designed and implemented a robust lease invoicing automation tool, converting client requirements into software solutions that **streamlined monthly invoice generation** for customers reducing manual intervention.
  - **Diagnosed and resolved data leakage issues**, optimizing backend data validation and error-handling mechanisms, which led to a **38% improvement in application performance and data integrity**.
  - Developed and deployed AI/ML-based cheque processing automation for Mashreq Bank, leveraging machine learning models to **reduce processing time and errors by 20%**, enhancing financial transaction accuracy.
  - Directed the implementation of automated workflows into outdated systems, increasing operational efficiency by processing 10,000+ transactions monthly with minimal errors.

Education

San Jose state University	Dec 2025
Master of Business Administration	
Sastra University	June 2017
Bachelor and Master of Technology, Electronics and Communication Systems	