Sumit Mittal

Lead Full Stack Developer | AWS Certified Solutions Architect - Associate
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Portfolio: https://sumitmittal.dev | https://github.com/tech-sumitmittal | https://leetcode.com/u/tech-sumitmittal

Summary

Results-driven Full Stack Lead Developer with **13+ years** of experience building enterprise-scale, high-performance solutions. Proven leadership in Agile delivery through mentoring high-performing teams and collaborating with stakeholders to build secure, scalable, high-availability platforms. Demonstrated expertise in backend engineering, API design, cloud-native systems, achieving 90% test coverage, and sustaining 99.9% production uptime.

Education

Master of Technology (M.Tech.) – Information Technology
University of Hyderabad | Jul 2010 – Jun 2012

Bachelor of Engineering (B.E.) – Computer Science
University of Rajasthan | Jul 2005 – Jun 2009

Certifications

AWS Certified Solutions Architect – Associate (SAA-C03), Oct 2023
AI Software Systems Design – Concordia University Applied AI Institute, Canada, Dec 2024

Technical Skills

Programming: Java 21, Object-Oriented Programming, Functional Programming, Multithreading
Frameworks: Spring Boot, Spring MVC, Spring Security, Spring IoC, Hibernate, Design Patterns
Microservices: Spring Cloud Config, Service Discovery, API Gateway, OAuth 2.0, JWT, Keycloak, Okta
Web & UI: Angular 19, TypeScript, JavaScript, HTML, CSS
Cloud: AWS (EC2, ECS, EKS, Lambda, RDS, DynamoDB, S3, SNS, CloudWatch)
DevOps: Docker, Kubernetes, Jenkins, AWS CodePipeline
Databases: MySQL, PostgreSQL, Oracle, DB2, MongoDB, Redis
Messaging: Apache Kafka, AWS SQS
Monitoring & Logging: Prometheus, Grafana, Splunk, SonarQube, Log4j
Testing, Tools: JUnit, Mockito, JaCoCo, Maven, Gradle, GitHub, Jira, Agile, Scrum, Kanban

Experience

Lead Full Stack Developer, Citi Bank (via Synechron)
Toronto, Canada | Apr 2025 – Present
- Architected 15+ enterprise-grade microservices (Java 21, Spring Boot) supporting 50K+ internal users.
- Crafted secure RESTful APIs with JWT, OAuth 2.0, OpenAPI/Swagger, integrating 20+ downstream banking systems.
- Modernized Angular 19 UI, improving dashboard usability and reducing business workflow turnaround time by 40%.
- Mentored 8–10 engineers and led end-to-end delivery with around 80% hands-on coding, owning release quality.
- Assembled Redis caching, reducing API response latency by approximately 35% under peak load.
- Containerised applications using Docker, deploying on AWS ECS, configuring VPC, EBS, and CloudWatch.
- Developed and optimized Jenkins pipelines, cutting deployment time by nearly 60% and enabling bi-weekly releases.
- Ensured 99.9% uptime through proactive monitoring, log analysis, and rapid resolution of P1/P2 incidents within SLA.

Lead Software Engineer, Ericsson
Montreal, Canada | Feb 2024 – Apr 2025
- Engineered high-availability Java backend services processing 1M+ events/day for telecom operational platforms.
- Developed frontend modules using Angular, supporting dashboards used by multiple global operations teams.
- Enhanced containerised deployments on AWS ECS, strengthening network isolation and security.
- Engineered event-driven architectures with Apache Kafka and AWS SQS, improving throughput close to 40%.
- Automated workflows using Jenkins CI/CD, reducing manual deployment effort by 50% and improving stability.
- Conducted code reviews and architectural discussions, reducing integration defects by roughly 25% across releases.

Technical Lead Engineer, Pinterest (via Capgemini)
Montreal, Canada | May 2022 – Aug 2023
- Supervised backend development for microservices handling millions of daily user interactions.
- Modeled scalable microservices with DynamoDB, MongoDB, Redis Cache, improving data access latency by 30%.
- Implemented J2EE Web Services, Servlets, and JSP, enabling seamless coexistence with modern services.
- Standardised API documentation using Swagger/OpenAPI, reducing onboarding time for new integrations by 40%.
- Provided Level-3 production support, resolving 100+ high-severity incidents while maintaining 99.9% uptime.
- Mentored engineers and facilitated sprint planning, achieving almost 95% sprint commitment accuracy.

Senior Java Developer, Morgan Stanley (via Genpact Canada)
Montreal, Canada | Apr 2017 – May 2022
- Rolled out enterprise applications supporting global trading and risk platforms with 99.95% system availability.
- Streamlined RESTful and SOAP-based services consumed by multiple mission-critical financial systems.
- Operationalised multithreaded consumer applications, reducing batch processing time by 45%.
- Orchestrated Redis-based caching and tuned database interactions, lowering database load by 30%.
- Secured services using JWT and Spring Security, meeting internal compliance and audit requirements.
- Improved observability using SonarQube, Prometheus, Grafana, Splunk, cutting recurring production issues by 35%.
- Supported 24x7 production systems, resolving incidents within SLA >98% of the time.

Senior Software Engineer, To The New
Noida, India | May 2016 – Apr 2017
- Provisioned web applications using Java 11, Spring MVC, Hibernate, JSP, Servlets, and AJAX.
- Designed relational schemas and optimized MySQL/PL/SQL queries, reducing query time by 30%.
- Collaborated with UI teams on web development and user interface design.
- Followed Agile methodologies, participating in sprint planning and retrospectives.

Software Engineer, Chetu India Pvt. Ltd.
Noida, India | Jan 2014 – May 2016
- Modernized full stack applications using Java 8, J2EE, JSF, JDBC, and Struts using SOLID Principles.
- Enhanced frontend components using HTML, CSS, JavaScript, jQuery.
- Used SVN, Perforce, and Eclipse/IntelliJ for version control, development and debugging.
- Ensured adherence to SDLC, coding standards, and best practices having clean architecture.

Software Developer, Startup Techies
Noida, India | Oct 2012 – Jan 2014
- Programmed end-to-end web solutions using Core Java, JSP, Servlets, JDBC, and Apache Tomcat.
- Designed and consumed REST APIs, performed API testing using Postman.
- Applied DSA fundamentals, problem-solving, and analytical thinking to optimise application performance.
- Worked closely with stakeholders, demonstrating strong communication and interpersonal skills.