

# TEJA T

## Full Stack Engineer

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Highly skilled Lead Software Engineer with 6+ years of experience designing, developing, and implementing scalable enterprise applications, APIs, and microservices. Specializes in Python, Java, and distributed back-end systems, along with front-end expertise in React. An ability to link technical execution with business goals, driving efficiency and user satisfaction.

- Strategic technical leader who modernized legacy systems and set best practices, thereby enhancing software reliability while leveraging tools like GitHub Copilot to accelerate development cycles and reduce coding effort by 25%.
- Adaptable and collaborative, able to work independently or in teams, learn processes quickly, and prioritize multiple tasks.
- Has problem-solving, incident resolution, and observability skills, maintaining reliable uptime for critical applications.
- Proven understanding of software development methodologies, web application development, and cloud infrastructure (AWS: Lambda, ECS, S3), CI/CD pipelines, Terraform automation, and real-time stream processing.

### CORE COMPETENCIES

Software Development Lifecycle | Web Application Development | Cloud Application Architecture | System Architecture | Agile Software Development | RESTful Web Services | Software Testing | Coding Standards | Code Reviews | Continuous Integration & Deployment (CI/CD) | API Integrations | Performance Testing | Integration Testing | Cross-functional Collaboration | Incident Management & On-Call Support | Knowledge Sharing | Communication Skills | Runbook Documentation | Team Leadership

### TECHNICAL SKILLS

<b>Frontend:</b>	React.js, Next.js, Python, Redux, HTML5, CSS3, JavaScript (ES6+), Bootstrap
<b>Backend:</b>	Java (Spring Boot, Hibernate), Node.js, Express.js, REST APIs, GraphQL
<b>Cloud &amp; DevOps:</b>	AWS (Lambda, ECS, S3, API Gateway, CloudWatch), Terraform, Jenkins, CI/CD
<b>Databases:</b>	MySQL, PostgreSQL, MongoDB, Redis
<b>Testing:</b>	JUnit, Mockito, Selenium, TestNG
<b>Others:</b>	Microservices, WebSockets, Agile/Scrum, GitHub, Jira, Confluence, Microsoft Office Suite

### PROFESSIONAL EXPERIENCE

**SOFTWARE ENGINEER (Lead Responsibilities)** | Nike – Beaverton, OR (Remote)

Oct 2023 – present

Engage with cross-functional teams to improve service delivery, reliability, and operational excellence across entire system lifecycle in a Linux/Mac environment. Measure and monitor production systems with focus on availability, latency, and overall system health. Drive toil reduction through creative automation and infrastructure innovation.

- Improved system reliability by 35% and reduced MTTR from 90 minutes to under 60 minutes through sustainable incident response practices in a blameless environment, leveraging PagerDuty for real-time escalation.
- Governance of L1/L2/L3 incidents with direct business stakeholders and end user interaction.
- Designed and deployed scalable REST APIs and microservices using Node.js/TypeScript on AWS Lambda and ECS with API Gateway, improving backend efficiency by 40% and supporting high-traffic production workloads.
- Implemented comprehensive observability strategy using New Relic APM (session traces, browser metrics), Splunk, SignalFx, and distributed tracing, reducing investigation time by 40% and proactively identifying performance bottlenecks.
- Acted as a customer interface SRE for severe scenarios, providing status, impact and resolution plans for customers to internal stakeholders.
- Defined Infrastructure as Code Best Practices (peer review, automated testing with Terratest, CI/CD), increased infrastructure code quality and decreased production incidents by 45%.
- Designed modular Infrastructure as Code framework with Terraform modules for reusable artifacts (networking, compute, security) lowering infrastructure deployment from days to hours.
- Investigated challenging, customer reported problems with observability tools to drive down MTTR and improve service reliability.
- Delivered plain-language post-incident summaries and RCA documentation to stakeholders, describing impact, resolution, and mitigation.
- Built custom dashboards correlating application traces, browser metrics, infrastructure logs, and SLO tracking in New Relic/SignalFx/Grafana, reducing user-impacting incidents by 25% through proactive monitoring.

- Automated 4xx/5xx error alerting using CloudWatch and Splunk, preventing 50+ production incidents monthly and maintaining 99.9% availability SLA
- Architected infrastructure as code using Terraform (preferred tool) with modular design for ECS clusters, S3 buckets, IAM policies, reducing provisioning time by 50% and ensuring consistent, reproducible environments

#### **FULL-STACK DEVELOPER | DTCC – Dallas , TX**

Jan 2022 – oct 2023

Direct the design, implementation, and roll out of scalable back-end services, APIs, and microservices, while contributing to performant front-end solutions & cloud infrastructure to ensure reliability, security, maintainability, and a superior user experience.

- Utilize Python, and microservices to design and optimize back-end apps that support business operations.
- Design and maintain RESTful APIs and event-driven services to ensure smooth integrations across distributed systems.
- Lead and mentor team members, encouraging collaboration, innovation, and high-quality technical results.
- Work directly with cross-functional teams (UX, QA, Product, and DevOps) to define requirements and deliver high-performing back-end systems that align with business objectives.
- Create technical documentation and runbooks for full-stack development and incident handling, continuously refining clarity and relevance based on updates as well as user feedback.
- Actively handle on-call duties, deal with high-impact incidents, and ensure 24/7 availability of critical services.

#### **FULL-STACK DEVELOPER | Apple – Austin, TX**

July 2021 – Dec 2021

Developed back-end microservices, APIs, as well as CI/CD pipelines, complemented by front-end dashboards, to deliver secure, high-performance, and reliable software for internal business applications.

- Pioneered back-end microservices for an AI-powered recommendation system, which improved processes for 500+ users.
- Oversaw the software development lifecycle, managing the design, testing, and deployment for high-quality outcomes.
- Designed internal CI/CD workflows that streamlined deployments and enhanced the consistency and reliability of releases.
- Validated code quality through functional, API, and security testing with Selenium and Mockito, while driving new technical and process improvements to improve development efficiency.
- Worked closely with QA and other stakeholders to coordinate development, improve cross-device mobile testing coverage, and ensure the on-time and successful delivery of project deliverables.

#### **ACADEMIC ENGAGEMENT | Governor's State University – Chicago, IL**

August 2019 – June 2021

Earned a Master's in Computer Science while completing advanced training in cloud computing, full-stack development, and AI.

#### **FULL-STACK DEVELOPER | NextGenTechnologies – India**

January 2017 – August 2019

Delivered scalable back-end systems and modernized UI by designing and deploying full-stack solutions with Spring Boot, AWS, and Angular while creating secure APIs and establishing cloud infrastructure.

- Enabled rapid creation of new applications by designing and building a secure RESTful API and microservices using Spring Security and Hibernate ORM.
- Boosted scalability and strengthened security of AWS environments by managing infrastructure with Terraform, using IAM policies, encryption, and autoscaling best practices.
- Powered real-time application features by using Kafka pipelines for high-volume event streaming and data processing.
- Seamlessly deployed ML models into the production environment by creating and containerizing Flask microservices for integration within Spring Boot applications.
- Improved code maintainability and user experience by migrating legacy AngularJS applications to Angular 5+.

#### **EDUCATION**

##### **Master of Science in Computer Science**

Governor's State University (2021)

##### **Bachelor of Science in Information Technology**

VVIT University, India (2017)

#### **CERTIFICATIONS**

**AWS Certified Solutions Architect – Associate**

Google: Introduction to AI

Google: Maximize Productivity with AI Tools