

Lohith Muttamsetty

Full-Stack Java Engineer - Cloud-Native Apps, Microservices & Automation (Spring Boot, React, AWS)
Miami - Fort Lauderdale Area | Open to Remote/Hybrid | LinkedIn | GitHub

SUMMARY

Results-driven full-stack engineer with 6+ years building cloud-native systems and event-driven microservices. Hands-on with Java 17 / Spring Boot, React / Next.js, Kafka, and CI/CD on AWS/Azure/GCP using Docker, Kubernetes, Terraform. Known for improving latency (35-40%), increasing throughput (45%), and maintaining 99.9% availability with production-grade security (OAuth2/OIDC, SSO, SSL automation) and automated releases (GitHub Actions, Jenkins, GitLab).

CORE SKILLS

- Languages/Frameworks: Java 17, Spring Boot 3, Python (FastAPI), TypeScript, React 18, Next.js
- Cloud/Infra: AWS (EKS, Lambda, S3, API Gateway), Azure (AKS, AD), GCP; Docker, Kubernetes, Terraform
- Data/Streaming: Kafka, Redis, Elasticsearch, PostgreSQL/MySQL, DynamoDB
- DevOps/Platform: GitHub Actions, Jenkins, GitLab CI/CD, Helm, Prometheus/Grafana, ArgoCD (familiar)
- Security/Identity: OAuth2/OIDC, SAML SSO, SSL/TLS, RBAC, Secrets/IAM

EXPERIENCE

Full-Stack Developer (Contract) - Arthrex | Remote, Fort Myers, FL | Feb 2025 - Present

- Delivered Java 17/Spring Boot microservices on AWS + Kubernetes, sustaining 99.9% uptime.
- Built React + Kafka dashboards; optimized API paths and caching to cut latency by 35-40%.
- Hardened CI/CD with Jenkins + GitHub Actions (parallel builds, image scan gates) to speed releases.

Full-Stack Developer (Contract) - Tower Hill Insurance Group | Remote, Gainesville, FL | Feb 2024 - Dec 2024

- Developed Spring Boot services on Azure AKS, improving claims throughput by 45%.
- Modernized React/Angular fronts (code-splitting, memoization) for ~30% faster loads.
- Automated pipelines with GitLab + Azure DevOps (~50% less deployment effort); integrated Azure AD and SSL.

Full-Stack Developer - Kotak Mahindra Bank | Bengaluru, India | Sep 2020 - Nov 2022

- Migrated legacy modules to microservices, improving scalability/availability ~40%.
- Strengthened auth flows (OAuth2, token hygiene, rate-limits), reducing auth errors ~35%.
- Implemented CI/CD with Jenkins, trimming release cycles ~45%; introduced Kafka for async workflows.

Java Developer - Exotel | Remote, Bengaluru, India | Jun 2018 - Aug 2020

- Built Spring Boot services for high-volume telephony; tuned thread/connection pools.
- Automated SSL certificate renewals (ACME) to eliminate expiry-related downtime.
- Improved reliability via Jenkins pipelines (immutable images, blue-green deploys).

ACADEMIC PROJECT

Cloud-Native Healthcare Credentialing & Automation Platform - Florida Atlantic University (Jan 2024 - Apr 2024)

- Stack: Java 17/Spring Boot, Python FastAPI, React/Next.js, Kafka, Redis, AWS EKS/Lambda, Terraform, GitHub Actions, Elasticsearch.
- AI-assisted document validation and anomaly detection; SSO (OAuth2/OIDC) and role-based dashboards.
- Achieved ~40% latency reduction; 99.9% availability; zero-downtime releases via canary.

EDUCATION

Florida Atlantic University - M.S., Computer Science

SELECTED ACHIEVEMENTS

- Performance: End-to-end optimization (async, caching, indexing) delivering p95 < 200 ms on key APIs.
- Reliability: Multi-AZ EKS/AKS, health probes, circuit breakers, DLQs for resilient EDA.
- Security: OIDC/SAML federation, RBAC, secrets rotation, automated SSL/TLS pipelines.
- Delivery: Trunk-based dev, feature flags, blue-green/canary, IaC (Terraform/Helm).

TECHNICAL KEYWORDS

Languages/Frameworks: Java 17, Spring Boot 3, React, Next.js, TypeScript, Python (FastAPI)

Data/Streaming: Kafka, Redis, Elasticsearch, PostgreSQL, MySQL, DynamoDB

Security: OAuth2, OIDC, SAML, SSL/TLS, RBAC, IAM

Cloud/Infra: AWS (EKS, Lambda, API Gateway), Azure (AKS, AD), GCP, Docker, Kubernetes, Terraform

DevOps/Platform: GitHub Actions, Jenkins, GitLab, Helm, Prometheus, Grafana

Practices: Microservices, Event-Driven, REST, GraphQL, CI/CD, Observability, Blue-Green, Canary