

# Sri Sai Teja Narra

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## SUMMARY

Full-stack engineer with 4+ years of experience delivering reliable UIs, resilient APIs, and observable systems. Expertise in Python, Java/Spring Boot, Node.js/Express and building cloud-native microservices. Develops React/Angular frontends and backend services with PostgreSQL, MongoDB, Redis, leveraging TypeScript, REST/GraphQL, and caching/queues. Ships via Docker/Kubernetes and CI/CD (Jenkins, GitHub Actions, Azure DevOps). Strengths include performance optimization, HIPAA-compliant security (OAuth2/JWT), and repeatable releases in regulated environments.

## PROFESSIONAL EXPERIENCE

### Molina Healthcare | Hybrid, USA

July 2024 - Present

#### Full Stack Java Developer

- Developed **Angular/Spring Boot** applications for patient and provider portals supporting care navigation, eligibility checks, authorizations, and member communications across **3+ healthcare modules**.
- Built and maintained **REST APIs** with input validation, pagination, and idempotency to support real-time data flow across **5+ healthcare systems** with consistent availability.
- Improved service response times by **20-25%** by refactoring slow SQL queries, adding database indexes, and introducing **Redis caching** to reduce repeated database hits.
- Migrated **3+ legacy components** to **AWS** (Elastic Beanstalk, SQS, Secrets Manager) to improve resiliency and standardize environment configuration and secret handling.
- Implemented **HIPAA-compliant security** practices including OAuth2/JWT authentication, AWS Cognito, IAM roles, and AES-256 encryption to protect PHI data.
- Supported containerized deployments using **Docker/Kubernetes** and CI/CD pipelines via Jenkins and GitHub Actions, reducing manual deployment effort by **30-40%** with blue/green strategies.

### TCS | Remote, India

Nov 2020 - Jul 2022

#### Full Stack Java Developer

- Maintained **enterprise web portal** for Fortune 500 retail and telecom clients using **MERN stack** (MongoDB, Express.js, React.js, Node.js), supporting concurrent users globally.
- Built scalable **Node.js/Express microservices** with load balancing, fault tolerance, rate limiting, and health checks to sustain high-volume traffic.
- Optimized **React** frontends with code splitting, lazy loading, and memoization, improving load times during peak traffic.
- Strengthened authentication/authorization using **OAuth2, JWT, Azure AD**, aligning with enterprise security policies and audit requirements.
- Accelerated data access by integrating **Azure Cosmos DB** with Redis caching and query/index tuning for read-heavy user journeys.
- Developed and maintained the internal **TCS Gems platform** — a shop and award-based recognition system — built on **Angular** and **Spring Boot**, delivering a seamless UI with dynamic dashboards, role-based access, and real-time reward tracking for thousands of employees.
- Maintained **Spring Boot REST APIs** with layered service design and Swagger documentation, while enhancing Angular frontend performance through lazy loading, reusable component libraries, and reactive forms for complex workflows.

### ADANI | Remote, India

Sep 2019 - Nov 2020

#### Full Stack Java Developer

- Built enterprise platforms for **logistics and energy operations** with Java/Spring Boot/Hibernate services and React.js frontends supporting core business workflows.
- Designed and integrated **REST APIs** across ERP, CRM, and reporting systems, enabling seamless data exchange and system interoperability.
- Optimized **Amazon RDS** (PostgreSQL, MySQL, SQL Server) via schema redesign, indexing, and stored procedure tuning to handle large operational datasets.
- Strengthened security with **AWS Secrets Manager, IAM, RBAC, KMS encryption** (at rest and in transit), aligning with enterprise governance standards.
- Increased release reliability by optimizing **CI/CD** with Jenkins, Maven, and AWS CodePipeline/CodeBuild/CodeDeploy; standardized versioning and environment promotion.

## TECHNICAL SKILLS

- Programming & Frameworks:** Java, TypeScript, Spring Boot, Hibernate, JPA, Node.js, Express.js
- Frontend Technologies:** Angular, React.js, JavaScript (ES6+), HTML5, CSS3, Redux, Bootstrap, Responsive Design
- Databases:** PostgreSQL, MySQL, Oracle, MongoDB, Redis, Amazon RDS
- Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, CloudWatch, Secrets Manager, IAM, Elastic Beanstalk, SQS, CodePipeline), Azure (App Service, Functions, Service Bus, Key Vault, Azure SQL, DevOps, Cosmos DB)
- APIs & Integration:** RESTful APIs, Microservices, OAuth2, JWT, Message Queues
- DevOps & Tools:** Git, Jenkins, GitHub Actions, Docker, Kubernetes, CI/CD Pipelines, Blue/Green Deployment
- Security & Compliance:** HIPAA, OAuth2, JWT, AES-256/KMS Encryption, IAM, RBAC, Audit Logging
- Testing & Monitoring:** JUnit, Mockito, Jest, Mocha, ELK Stack, Prometheus, Grafana, Performance Testing
- Methodologies:** Agile/Scrum, Microservices Architecture, Test-Driven Development, Code Reviews, Pair Programming

## EDUCATION

### Illinois Institute of Technology, USA

Aug 2022 - May 2024

Master of Computer Science

### Gokraju Rangaraju Institute of Engineering and Technology, India

Aug 2016 - Sep 2020

Bachelor of Technology in Computer Science