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. Skilled **in Python, Java/Spring Boot, Node/Express,** and building cloud-native **microservices**. Builds React/Angular frontends and backend services with **PostgreSQL/MongoDB/Redis**, leveraging TypeScript, REST/GraphQL, and caching/queues. Packages and ships via Docker/Kubernetes and CI/CD (Jenkins, GitHub Actions, Azure DevOps). Strengths include performance tuning, security (OAuth2/JWT), and **repeatable releases in regulated environments**.include **performance tuning, security (OAuth2/JWT)**, and **repeatable releases** in **regulated environments**.

PROFESSIONAL EXPERIENCE

Molina Healthcare | USA   **July 2024 - Present**
Full Stack Java Developer
- Built and evolved patient- and provider-facing web apps with **Angular** frontends and **Spring Boot** services to support **care navigation**, **provider search**, **eligibility checks**, **authorizations**, and **member communications** for users/transactions.
- Designed clean, versioned **REST APIs** with strong **validation** and **idempotency** to enable **near real-time** data flow across provider, member, and care-management systems; added **pagination** and **contract testing** to keep integrations stable.
- **Improved service latency 30-40%** (**95th percentile, P95 ~1.5s to <800ms**) by refactoring **SQL** hot paths, adding targeted **indexes**, introducing **Redis** for read-heavy lookups, and offloading non-critical work to **asynchronous queues (Amazon SQS)**.
- Modernized legacy components onto **AWS** (**Elastic Beanstalk**, **SQS**, **and Secrets Manager**) to increase **resiliency** and simplify **operations**; standardized **environment configuration** and **secret handling** to reduce drift.
- Developed **Python-based automation scripts** to **validate API responses**, generate **performance reports**, and streamline **CI pipelines**. **dashboards/alerts for P95/P99 latency**, throughput, and critical user flows.
- Implemented **privacy and security by default**: **OAuth2/JWT**, **AWS Cognito** for federated authentication, **IAM** least privilege, **AES-256/KMS encryption**, **structured audit logs**, and **periodic access reviews** to meet **HIPAA/HITECH** expectations for **PHI**.
- Shipped **containerized releases** via **Jenkins** and **GitHub Actions** to **Docker/Kubernetes** with **AWS CodePipeline/CodeDeploy**, reducing manual effort **~60%** and improving rollback confidence with **blue/green** strategies.
- Added **observability** with **dashboards** and **alerts** for **P95/P99 latency**, **error budgets**, **throughput**, and **key user journeys**, enabling regressions to surface within a sprint.

TCS | India   **Nov 2020 - Jul 2022**
Full Stack Java Developer
- Delivered **two enterprise web portals** for global **retail** and **telecom** clients using the **MERN stack** (**MongoDB**, **Express.js**, **React.js, and Node.js**), supporting **20,000+ concurrent users** across **multiple regions**.
- Built **scalable microservices** with **Node.js** and **Express.js** featuring **load balancing**, **fault tolerance**, **rate limiting**, and **health checks** to sustain high-volume traffic.
- Shipped **high-performance UIs** with **React** and **Redux**, improving perceived load time and responsiveness during **peak loads** through **code splitting**, **lazy loading**, and **memoization**.
- Strengthened **authentication and authorization** using **OAuth2**, **JWT**, and **Azure AD**, aligning with enterprise security policies and audit requirements.
- Optimized **data access** by integrating **Azure Cosmos DB** with **Redis caching** and targeted **query/index tuning**, accelerating read-heavy user journeys.
- Streamlined deployments via **Docker** and **Kubernetes** with automated **CI/CD** on **Azure DevOps**, enabling **frequent and stable releases** with rollbacks and environment parity.
- Built **Python data-processing utilities** to **analyze user behavior logs** and **support performance tuning** and **A/B testing**. using **code splitting**, **lazy loading**, and **memoization**.

ADANI | 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 (**HTML5**, **CSS3**) to support core business workflows.
- Designed and integrated **REST APIs** across **ERP**, **CRM**, and **reporting** systems, enabling seamless data exchange and system interoperability.
- Tuned **Amazon RDS** (**PostgreSQL**, **MySQL**, **and SQL Server**) via **schema redesign**, **indexing**, and **stored procedure** optimization to handle large financial and operational datasets with improved performance.
- Strengthened security with **AWS Secrets Manager**, **IAM** roles, **RBAC** policies, and **KMS** encryption (**at rest** and **in transit**), aligning with enterprise governance and audit standards.
- Increased release reliability by optimizing **CI/CD** with **Jenkins**, **Maven**, and **AWS CodePipeline/Code Build/CodeDeploy**; standardized build/versioning and environment promotion.

TECHNICAL SKILLS

- **Programming & Frameworks:** Python, Java, Spring Boot, Hibernate, JPA, Node.js, Express.js, JSP/Servlets
- **Frontend Technologies:** React.js, Angular, JavaScript (ES6+), HTML5, CSS3, Redux, Bootstrap
- **Databases:** PostgreSQL, MySQL, Oracle, MongoDB, Redis
- **Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, CloudWatch, IAM), Azure (App Service, Functions, Service Bus, Key Vault, Azure SQL, Azure DevOps), GCP (Compute Engine, Cloud Functions, Pub/Sub, BigQuery, Cloud Storage)
- **APIs S Integration:** RESTful APIs, Microservices, Authentication and Authorization (OAuth2, JWT), Apache Kafka
- **DevOps S Tools:** Git, Maven, Jenkins, GitHub Actions, Docker, Kubernetes, CI/CD
- **Testing S Monitoring:** JUnit, Mockito, Jest, Mocha, ELK Stack, Prometheus
- **Agile S Collaboration:** Agile/Scrum, Jira, Confluence, 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