

RAVALI VEERLA

[Github](#) | [LinkedIn](#) | ravaliveerla@outlook.com | +1 (313) 437-5352

WORK EXPERIENCE

Tata Consultancy Services

Senior Java Software Engineer

Hyderabad, India

Dec' 2021 - June 2023

Rite Aid (NextGen Advancement 2.0)

Harrisburg, Pennsylvania

- Performed a **zero-impact** migration of legacy systems iteratively across **5,000 locations**.
- Increased the efficiency of REST API by **85%** by applying distributed caching & eventual execution.
- Transformed GitHub from **50 multi-repos to a monorepo**, boosting development efficiency.
- **Eliminated 100% manual requests** for configuration management by developing a dedicated portal.

Tech Stack → Java 8+, Spring Boot, PostgreSQL, Redis, Azure Cloud, GitHub, Grafana, Prometheus, Splunk.

Infosys Limited

Senior Software Engineer

Chennai, India

Nov' 2015 - Nov' 2021

Unified Search Platform

- Optimized search performance with a **75%** boost by streamlining data duplication in Elasticsearch.
- Reduced replication lag time to under **500 ms**, ensuring MongoDB & Elasticsearch synchronization.

Tech Stack → Javascript, MEAN (MongoDB/Express.js/AngularJS/Node.js), Elasticsearch, AWS (EC2, ElastiCache, S3, RDS).

MFA Integration with e-Banking Application

- Achieved desired SLAs **99.9%** time, ensuring authentication & mail delivery within 5 seconds.
- **Prevented** vital notifications failures with a retry system and message queue for email & SMS data.
- **Reduced the manual bug tracking time** by building test automation web tools for quality analysis.

Tech Stack → Java, RabbitMQ, Oracle, SMTP, JUnit/Mockito, Jenkins (CI/CD Pipeline), Docker.

EDUCATION

The University of Texas at Austin, Texas, USA

Post Graduate Program in Artificial Intelligence and Machine Learning

May 2021

Coursework → Natural Language Processing, Introduction to Neural Networks & Deep Learning, Computer Vision, Using Python for Data Sciences.

Bhoj Reddy Engineering College for Women, Hyderabad, India

Bachelor of Technology in Computer Science & Engineering

May 2015

Coursework → Advanced Algorithms & Data Structures, Distributed Systems, Programming Languages.

TECHNICAL SKILLS

[I] : Intermediate

- **Languages** → Java, Javascript, Python^[I], Linux Scripting
- **Databases** → SQL (RDBMS), NoSQL
- **Architectures** → Monolithic, Microservices, Service, Event Driven
- **Others** → Kubernetes^[I], React.js^[I], HTML5, Bootstrap, REST, SOAP, gRPC^[I]