

Mudiam Krishna Vamsi

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PROFESSIONAL SUMMARY

Full Stack Developer (Angular + Spring Boot) | 3 Years of Experience

B.E. in Computer Science | **Microservices | DevOps | Agile**

Built **12+ scalable Angular apps** with **NgRx/RxJS** (40% faster rendering). Developed **Spring Boot REST APIs** (Kafka, Java Streams) reducing latency by **35%**. Strong advocate of **clean code** (85%+ unit test coverage via Jasmine/Jest) and **CI/CD pipelines** (Docker, Jenkins). Collaborate in **Agile teams** to deliver **high-availability systems**.

TECHNICAL SKILLS

Frontend: Angular 16+, TypeScript, RxJS/NgRx, GraphQL, HTML5/CSS3

Backend: Java 17, Spring Boot 3+, REST/GraphQL APIs, Kafka, Microservices

Testing: Jasmine, Jest, Karma, SonarQube

DevOps: Docker, Kubernetes, CI/CD (Jenkins/GitHub Actions), Linux

Tools: Git, Postman, Swagger, VS Code

Methodologies: Agile/Scrum, TDD, Clean Architecture

EXPERIENCE

Tata Consultancy Services | Developer | Mumbai, India

Nov 2022 - Present

Staff Quarters Allocation – Internal Employee Application

- Architected dynamic quarter allocation logic using **7+ business rules** and **3 priority queues**, reducing processing time by **40%** through optimized Java Streams.
- Developed **Angular 16+ UI** with **NgRx state management**, improving rendering performance by **35%** via lazy loading.
- Automated status updates via **Spring Batch cron jobs**, ensuring real-time compliance with SLAs.
- Used **Docker** to containerize apps deployed on Linux servers with Jenkins CI/CD, cutting deployment time by **50%**.
- **Tech :** Angular 16, TypeScript, NgRx, Java 17, Spring Boot 3, Oracle Database 12c, Docker, Jenkins.

Fund Request Module – Internal Employee Application

- Developed dynamic financial reports with client-side calculations, reducing backend calls by **%**.
- Implemented **bulk document uploads** (500+ files/day) using **Spring Boot multipart processing**, cutting processing time by **25%**.
- Built **Excel export** using **ExcelJS**, enabling users to download bulk records with formatting.
- Integrated **Alfresco REST API** for document storage with **metadata tagging**.
- **Tech:** Angular 16, Spring Boot, RxJs, TypeScript, ExcelJS, Alfresco API

KEY ACHIEVEMENTS

Earned 2 instant recognition awards at TCS for flawless execution:

- First award: Delivered StaffQuarter Allocation with zero defects in timeframe
- Second award: Completed Fund Application ahead of schedule while maintaining 100% QA pass rate

EDUCATION

- **Jawaharlal Nehru University, Anantapur**

*Bachelor of Technology (IT) | 77.5% | *2018 - 2022**

- **Relevant Courses:** Java Programming, Android Development, Cloud Computing (AWS Fundamentals).

ACTIVITIES AND LEADERSHIP

- **Computer Science and Technology Student Association**

JNTU, Anantapur

- Organized **5+ technical workshops** (Java, Android studio) for 50+ CS/IT students, improving campus-wide coding participation by **30%**

Aug 2020–Dec 2022

College level NSS program

Sept 2018- Mar 2022