

KOMAL NAIDU VANAMALA

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PROFESSIONAL EXPERIENCE

Associate Software Engineer

Nov 2020 – Nov 2021 | India

Tata Consultancy Services ☑

- Used **Java with Spring Boot** framework to build the backend and hosted them in **Azure App** service.
- **Application development** covering client requirements and end-to-end delivery including deployments using **Github Actions**.
- Troubleshooting & fixing issues/bugs and resolved **450+ tickets** using the **Jira** tracker.
- Worked on **React.js** along with **Redux** to build the client's frontend platform and deployed it.
- Managed and monitored the smooth running of over 3700 stores of a **US client** on a daily basis using **ServiceNow** tool and remote access.
- Worked with **SQL** for creating tables, implementing views, stored procedures, and complex queries for database integration.

SKILLS

Full-Stack Development

Front-end Tech: HTML, CSS, JavaScript, Typescript, Angular, React

Back-end Tech: Java, NodeJS, Python, C#, Flask

Databases: MySQL, MongoDB

Libraries/Frameworks: Spring Boot, ReactJS, Redux, Bootstrap, Jasmine, Karma

Others

Git, C language, Objective C, Xcode, OOPS, Data Structures & Algorithms, Debugging, NGINX, RxJS, NgRx, Jira, Docker, PHP, Laravel, CI/CD, Agile

EDUCATION

Master's in Computer Science

Jan 2022 – May 2023 | Kansas City, USA

University of Missouri – Kansas City

Courses taken: Design and Analysis of Algorithms, Network Architecture, Cloud Computing, Introduction to Statistical Learning, Cyber Security, Computer Security, Advanced Operating Systems, Big Data

Bachelor's in Electronics and Communication Engineering

Aug 2016 – Oct 2020 | Hyderabad, India

Institute of Aeronautical Engineering

PROJECTS

Live Language Translator AI App

ChatGPT, WhisperAI, Python, Flask, React Native

Built a live translator that can listen to any language, and translate it to any given language with high accuracy. It uses **ChatGPT's Whisper** API to retrieve the text from the speech, and translate it using Google's Translation API. The translation is done on the backend server using **Python** and **Flask**. The interface for the product is through an app built using **React Native**.

Wealth Portfolio Management Platform

Java, SpringBoot, React.js, Redux, REST API

Built a portfolio management platform where a person can add their assets and liabilities and have an analytical overview of their wealth. I used **Java with SpringBoot** framework to build the backend, and for the frontend, I used **React** library along with **Redux** to manage the state.

MyMeals iOS App

Swift, SwiftUI, iOS

MyMeals is an iOS app built using **Swift** and **SwiftUI** in **Xcode**. It lists all the meals in the app. When we select a meal, it shows all the ingredients needed and the steps needed to cook the meal.

EXTRA-CURRICULARS

- Student Volunteer for **International Student's Orientation - Fall 2022** at UMKC
- Student Coordinator for the **8th International Conference on Computing Communication and Sensor Networks (CCSN)**, 2019
- Student Organizer for the **2018 NASA Space Apps Challenge** at the zonal level
- Student and Technical organizer for **inter-college technical events** for all 4 years during Under Graduation
- **Certified for securing the highest marks** in Sanskrit in State Board Exams for two consecutive years, 2015 & 16