Adithya Suresh Babu

adithyasursad@gmail.com ❖ (689) 266 8808 ❖ Orlando, FL ❖ Linkedin ❖ Portfolio

EDUCATION

University of Central Florida, MS in Computer Science   **Aug 2022 - May 2024**

Anna University, Bachelor's in Computer Science and Engineering   **Jul 2016 - Sep 2020**

TECHNICAL SKILLS

Programming Languages: C/C++, Java J2EE, Python
Front-End Technologies: JavaScript (ES6), TypeScript, HTML5, CSS, React
Back-End Technologies: Spring Boot, ExpressJs, NodeJS, Firebase, Spring Microservices
Databases: MySQL, MongoDB
Cloud Technologies: AWS (S3, EC2, Lambda, CloudFront, CloudFormation, DynamoDB, Route 53)
Tools & Software: Git, Github, VSCode, Google Colab, RestAPI's, IntelliJ IDE, Splunk, Dyntrace
Machine Learning: NumPy, Pandas, Scikit Learn, Matplotlib, TensorFlow
Methodology: SDLC, Agile, Waterfall
Certificates: AWS Certified Developer - Associate, AWS Certified Cloud Practitioner

WORK EXPERIENCE

Associate Software Developer   **Nov 2020 - Jun 2022**
Tata Consultancy Services   *Chennai, IN*

- Enhanced revenue by 20% with telecom app upgrade, offering complimentary 5G using **Spring Boot** and **REST APIs**. Mitigated 10% revenue loss risk via **Splunk** for SIM card issuance, improving satisfaction.
- Conducted testing using **JUnit** to identify and rectify issues, ensuring seamless implementation of latest offers and maximizing revenue potential.
- Debugged and rectified critical backend issues in **Java**, utilizing **Git version control (CICD)** for streamlined code management and collaboration, reducing downtime to **25%**.
- Improved user engagement and revenue by **15%** through frontend enhancements using **React, TypeScript,** and **TailWind CSS,** along with targeted advertisements for latest offers.
- Engaged in **agile processes**: sprint planning, stand-ups, and reviews, contributing to a **10%** productivity boost and **25%** faster project completion.
- Received the **"Best Crisis Solver on the Spot"** award for adeptly resolving critical issues, displaying quick thinking and effective problem-solving skills.

Front-end Developer Intern   **Jan 2019 - Feb 2020**
Cognizant (Center of excellence)   *Chennai, IN*

- Developed a responsive Dashboard website with **React** to highlight data analysis from the **Database** incorporating **Auth0** for employee sign-in, yielding a 30% enhancement in user interaction and experience.
- Collaborated with backend developers to build dashboard web pages with **React, MySQL, and REST APIs**, leading to a **15%** increase in website leads.
- Implemented **waterfall** methodology, resulting in a 25% increase in task success, and conducted **Cypress** regression testing on the **React** front end for thorough quality assurance.

PROJECTS

Workout Tracker: Employs **MySQL, React, Express JS, and NodeJs** for user authentication and data management, accommodating over 1000 users. It offers features to seamlessly add and remove workouts from a comprehensive database of 100+ GYM exercises, including detailed instructions for user convenience.

Luxe Clothing's: **React and Spring Boot**-driven E-Commerce platform, powered by **MongoDB** seamlessly manages user accounts, payment information, and product catalog, supporting diverse payment options and intuitive browsing across sections for men, women, and kids.

Instagram Clone(FakeGram): Built with **React, and Firebase**, allowing users to upload and share images, follow other users, and interact with posts, leveraging **Firebase** for database storage and **React** for dynamic front-end interfaces.

Website Portfolio: Designed and developed an interactive portfolio website from scratch utilizing **React.js and CSS** and deployed in **AWS** using **S3, CloudFront, Lambda, and Route 53.**

Machine Learning Projects: Created a Music Recommendation Model using a Spotify playlist using **CNN** and **Semantic Intensity Analyzer.**