Adithya Suresh Babu

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EDUCATION

University of Central Florida   **May 2024**
Master's in Computer Science   *Orlando, FL*

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

TECHNICAL SKILLS

Programming Languages: C/C++, Java, Python
Front-End Technologies: JavaScript(ES6), ,TypeScript, HTML5, CSS, React
Back-End Technologies: Spring Boot, ExpressJs, NodeJS, Firebase
Databases: MySQL, MongoDB
Cloud Technologies: AWS(S3, EC2, Lambda, CloudFront, CloudFormation,DynamoDB)
Tools & Software: Git, Github, VSCode, Atom, Google Colab, RestAPI's, IntelliJ IDE
Certificates: AWS Certified Developer - Associate, AWS Certified Cloud Practitioner

WORK EXPERIENCE

Graduate Teaching Assistant   **Oct. 2022 – Present**
University of Central Florida   *Orlando, FL*
- TA for Introduction to C Programming and Software Engineering.

Associate Software Developer   **Nov 2020 -Jun 2022**
Tata Consultancy Services   *Chennai, IN*
- Enhanced revenue by **20%** through a strategic upgrade of a telecommunications application, offering a complimentary 5G network upon device purchase using **JAVA** along with **Spring Boot** and **REST API**.
- Conducted automated testing using **Selenium** to identify and rectify issues, ensuring seamless implementation of new offers and maximizing revenue potential.
- Effectively mitigated a critical 10% revenue loss risk by resolving SIM card issuance process issues, enhancing customer satisfaction and revenue retention via **Splunk-based intervention**.
- Debugged and rectified critical backend issues in **Java**, utilizing **Git version control** 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 new offers.
- Received the **"Best Crisis Solver on the Spot"** award for adeptly resolving critical issues, showcasing quick thinking and effective problem-solving skills.

PROJECTS

Full Stack Projects:
Workout Tracker: Employs MySQL, React., 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 NodeJs-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, Node.js, and MySQL, allowing users to upload and share images, follow other users, and interact with posts, leveraging MySQL 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.