

Adithya Suresh Babu

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EDUCATION

University of Central Florida
Master's in Computer Science

May 2024
Orlando, FL

Anna University
Bachelor's in Computer Science and Engineering

Jul 2016- Sep 2020
Chennai, IN

TECHNICAL SKILLS

Programming Languages: C/C++, Java, Python

Front-End Technologies: JavaScript(ES6), HTML5, CSS, ReactJS

Back-End Technologies: Spring Boot, ExpressJs, NodeJS

Databases: MySQL, MongoDB

Cloud Technologies: AWS(S3,EC2,. Lambda, CloudFront, CloudFormation)

Tools & Software: Git, Github, VSCode, Atom, Google Colab, RestAPI's, IntelliJ IDE.

WORK EXPERIENCE

Graduate Teaching Assistant
University of Central Florida

Oct. 2022 – Present
Orlando, FL

- TA for Introduction to C Programming and Software Engineering.

Associate Software Developer
Tata Consultancy Services

Nov 2020 -Jun 2022
Chennai, IN

- Enhanced revenue by 2% through the strategic design of a telecommunications application upgrade, offering a complimentary 5G network upon device purchase for both existing and new customers, utilizing JAVA(SpringBoot).
- We conducted automated testing using Selenium, identifying and rectifying an issue where the new offer was not being applied to new customers, ensuring seamless implementation and maximizing revenue potential.
- Effectively Mitigated a critical 10% revenue loss risk by resolving SIM card issuance process issues, enabling smooth customer number porting via Splunk-based intervention, thereby enhancing customer satisfaction and revenue retention.
- Improved user engagement and revenue by 15% through frontend enhancements using React and TailWind CSS, along with creating targeted advertisements for new offers on the website.
- Recognized with an award for “Best Crisis Solver on the Spot” for mitigating a critical issue.

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.Deployed in AWS using S3, CloudFront, Lambda and Route 53.

Machine Learning Projects:

Music Recommendation: Created a Music Recommendation Model using a Spotify playlist using CNN and Semantic Intensity Analyzer.