

Adithya Venkatesh

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📁 <https://github.com/AdithyaVenkatesh>

EDUCATION

Master of Science in Computer Science

University of Texas at Arlington • Arlington, TX • 2022-Present • 3.62

Bachelor of Technology: Information Technology

St. Joseph's College of Engineering, Anna University • Chennai, India • 2014-2018 • 3.5

EXPERIENCE

RPA Developer/ Full Stack Developer

Ford Motor Company

February 2019 - December 2021, Chennai, India

- Redesigned processes and identified areas that can be automated using RPA tools such as UiPath and PEGA, resulting in 90% reduction in manual effort and 97% increase in accuracy.
- Contributed in creating more than 15 Bots for websites in downloading data and creating reports to reduce time and Manual Error by 97%.
- Devised around 10 bots to save 6 hours of daily repetitive task to decided based on training data.
- Associated in creating C# and python script to automate websites which cannot be done using PEGA.
- Revamped a manual process in sending reports to dealers across US by developing a bot which sends accurate reports to Dealers across US which saves 3-4 million monthly.
- Restructured dealer page with new components and functionality for retrieving instant data and report in-turn saving time by 95%, Built a RESTful API using Node.js to provide a secure connection between front-end and backend services.

Full Stack Developer

Infosys Limited

July 2018 - January 2019, Chennai, India

- Create front-end features, components, and libraries by turning designs and wireframes into high-quality, reusable code and optimized for maximum performance on a range of web-capable devices and browsers.
- Implemented user authentication and authorization features using JSON Web Token and improved the performance of the web application by 32% through optimization of codebase.
- Developed scalable database design and optimized database queries along with the implementation of caching strategies, resulting in over 40% efficiency.

SKILLS

- **Languages:** C, C++, C#, Python, JavaScript
- **Web Technologies:** ReactJS, NodeJS, Angular, React Native
- **Database :** MySQL, MongoDB
- **Version Control:** GitHub, Git
- **Development Methodology:** Agile
- **Tools/IDE:** PEGA, VS Code, Visual Studio, PyCharm, Postman, Android Studio, WordPress
- **Microsoft:** Access, SharePoint, Power App, Teams, Excel

ACADEMIC PROJECTS

Apartment Complex Website

Course : Web Data Management • January 2023 - Present

- Project focuses on real time apartment complex website with all the functionalities like admin dashboard, resident portal and chat options.
- Developed prototype using HTML, CSS and JavaScript and Converting the same to React front end and backend using Flask.
- Contributed in creating Database Schema and wireframe using Figma. Developed blog using WordPress and integrated with main application.
- Technology used: React, Flask(Python), MySQL.

FFT(React Native Application)

Course: Advance Software Engineering • January 2023 - Present

- Developed a cross platform application where people can form groups between family and friends and can share recent events with specific set of people or common to all.
- Established Google firebase as backend and also provides chat features and secure connection between frontend and backend using JWT.
- Technology used : React Native(JavaScript), NodeJS, Firebase.

Banking Website

Course : Database • August 2022 - December 2022

- Created Banking website as a part of Database course and storing all the customer details, bank details and various Loan details by each customer in bank, using React and Python.
- Implemented Loan Payment and transaction processing using React and MySQL.
- Added customer and staff Login and multiple features of bank website.

One Drive Clone (RPC)

Course : Distributed Systems • January 2022 - May 2022

- Implemented Remote Procedure call with client and server which communicate with each other from different machines.
- Developed One Drive features (CRED) in RPC to perform all file operations using python.
- Set up folder monitoring using watchdog to monitor particular folder which acts as local client location.