LAVANYA CHILAKALAPUDI

14013 Ascott, FL 33613 | (656)-214-9513 | lavanya13@usf.edu |LinkedIn | GitHub

TECHNICAL SKILLS

- **Programming Languages:** Python, R, Java, c#, Javascript, SQL, NoSQL, PostgresQL
- **Web Stack, Platform & Tools:** Node Js, REST API, MongoDB, Github, Git, React Js, Vue Js, Redux, Redux-toolkit, Postman, Agile, Software Development Life Cycle, Jira, Slack, Tableau, Power BI, Wireshark, Microsoft SQL.
- **Libraries:** NumPy, Pandas, Matplotlib, Scikit-Learn, TensorFlow.
- **Relevant Coursework:** Data Analytics (Python), Data Science (Python), Data Visualization (Tableau, Power BI), Distributed Information Systems (C#, Javascript), Advanced DBMS (Microsoft SQL server).

EDUCATION

- **University Of South Florida** - College of Business   **Tampa, FL**
  M.S in Business Analytics and Information Systems   May 2025

WORK EXPERIENCE

West Agile Labs   **Hyderabad, India**
Associate Software Engineer   Sep 2022 - July 2023
- Developed and implemented **UI functionalities** for the **Batchelor & Kimball project**. Played a crucial role in **deploying** the project across different environments, including staging, user acceptance testing (UAT), and production.
- Proficient in **HTML, CSS, SCSS**, and **JavaScript** for creating visually appealing and responsive user interfaces. Specifically worked with **React JS**, a widely-used **JavaScript library**, to build dynamic and interactive user interfaces

West Agile Labs   **Hyderabad, India**
Software Engineer Trainee   Jan 2022 - Aug 2022
- Trained as a full-stack developer specializing in the **MERN** stack
- Developed projects using **Node.js, MongoDB, and React.js** during the training period. Worked on bug fixes and implemented small functionalities as per project requirements.

PROJECTS

ECOMMERCE APP | Javascript | React Js | React Redux toolkit
- Developed a React-based e-commerce application with features including user registration, login, and a seamless shopping cart system using **React Js**.
- Implemented advanced search filters to enhance user experience and enable efficient product discovery.

CREDIT CARD CUSTOMER CHURN PREDICTION | Python   USF, Tampa
- Performed exploratory analysis on credit card customers data set.
- Built **Decision trees, Gradient Boosting, Random Forest, and XGBoost** predictive models to analyze the attrition customer rate on credit card services and derived the best machine learning model using AUC, recall ratio metrics.