Jnana Sai Sri Gadiraju

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Education

Master of Science in Computer Science May 2024
New Jersey Institute of Technology, Newark, NJ *GPA: 3.65*

Bachelor of Engineering in Computer Science and Engineering May 2020
Sagi Rama krishnam Raju Engineering College,Bhimavaram, India *GPA: 8/10*

Skills

Languages: Java, PL/SQL, C, C++,Python, R programming
Framework: HTML, CSS, Bootstrap, JavaScript, React JS, React Native,
Developer Tools: Git, Postman, Android Studio, Jira, Eclipse, Visual Studio
Database: Oracle, MongoDB
Advanced technologies : Microsoft Azure,Machine Learning
Soft Skills: Adaptability, Reliability, Consistency, Analytical Thinking, Strong Communication

Experience

Software Engineer - Front End,Tata Consultancy Services February 2021 – August 2022

- Responsible for front-end web application development of airport-based web application using React JS technology, improving readability and efficiency.
- Implemented camera and barcode functionality using the React Native tool for Android development, facilitating seamless information input and enhancing readability through image integration.
- Produced APKs for Android devices utilizing React Native, leading to the successful launch of a cross-platform application, which expanded user outreach by 40 percent.
- Integrated front-end applications with backend APIs, ensuring robust and efficient server-client communication.
- Steered production deployment activities and provided live support, ensuring 99.9 percent uptime by implementing rapid issue resolution strategies.
- Collaborated closely with development teams to troubleshoot front-end issues and implemented preventive measures, significantly reduced user-reported problems by 60 percent, and improved overall user satisfaction

Projects

Optimal Machine learning algorithm to predict forest fires | *R Programming* Jan. 2020 – Apr. 2020

- Developed a system that predicts forest fires using existing weather data
- Implemented different data mining algorithms like random forest and performed Ada boost
- Using different evaluation metrics obtained the optimal Machine learning algorithm to predict forest fires by users with the highest accuracy of 75 percent

House Rental System | *Java,DBMS,HTML,CSS* Jan. 2019 – May. 2019

- Developed a web application allowing users to search for rental homes based on desired features and book them online.
- Utilized HTML and CSS to create the front-end components, including login, sign up, search, and booking pages
- Used Java coding for back-end development, ensuring seamless communication between the front-end interface and the database, to support features such as user authentication, property search, and booking functionality.
- Streamlined booking process, reducing booking time by 50 percent

Certification

- NPTEL R language certification
- Cambridge Business English Certification Vantage