POOJA REDDY KADARI

Charlotte, NC

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Summary

Aspiring Software Intern with nearly 2 years of experience as a Software Engineer. Demonstrated expertise in developing and improving user interfaces using ReactJS and Redux, resulting in significant increased customer success rates. Notable achievements include being recognized as a Hackathon Winner for innovative ideas and solutions. Eager to leverage hands-on experience and academic knowledge to contribute effectively as a Software Intern

Education

University of North Carolina at Charlotte (GPA: 4.0)   **Charlotte, NC**
Master of Science in Computer Science   Jan 2024 - Present

Gandhi Institute of Technology and Management (GPA: 9.23/10)   **Hyderabad, India**
Bachelor of Technology in Computer Science & Engineering   Jun 2018 - Apr 2022

Skills

Languages: Java, C, C++, JavaScript, XML, HTML, CSS, Python
Frameworks/Libraries: React, express.js, Node.js
Databases: MySQL, PostgreSQL
Devops Tools: Jenkins, Travis CI
Networking & Security: OSI model, RSA algorithm, Symmetric vs. Asymmetric encryption
Foundational Concepts: Agile-Scrum framework, Unit testing
Proficiency: Git, Postman, Flask, REST Services, JSON

Work Experience

Celigo India Private Limited   **Hyderabad, India**
Software Engineer 2   Jan 2022 - Nov 2023

- Designed and developed the user interface for an access and permission management system using ReactJS and Redux, integrating clear guidance on the roles of Admins and Managers. Resulted in a 30% increase in customer success rates through improved in-app education and usability.
- Enhanced the user interface of the Home page, the most frequently accessed page, by implementing user feedback and modern design principles
- Collaborated with designers to create engaging user experiences, resulting in improved user satisfaction and increased user engagement.
- Participated in Celigo 2022 Hackathon and recognized as a Hackathon Winner for the excellence and innovative ideas.
- Developed and maintained unit tests and automated tests, ensuring the quality of the product.

Projects

MakeItTalk: Speaker – Aware Head Animation   Jan 2024 - May 2024

- Developed Python scripts to synchronize head movements with audio cues, ensuring seamless integration.
- Utilized Python libraries such as OpenCV and NumPy for audio processing and animation parameter control.
- Conducted rigorous testing and debugging of Python codebase to optimize performance and reliability.

Library Management System   Jan 2024 - May 2024

- Developed and implemented a Library Management System aimed at modernizing library operations and improving user experience. Streamlined book inventory management, borrowing processes, and resource tracking.
- Led a cross-functional team in the design, development, and deployment of the Library Management System.
- Collaborated closely with stakeholders to gather requirements, define project scope, and ensure alignment with goals.

Employability Prediction using Multilayer Perceptron Classification   Dec 2021 - Mar 2022

- Goal: To predict the effectiveness of coaching programs and mentoring services on the employability of a student.
- Developed this project by taking a dataset comprising of coaching programs and mentoring services using Multilayer Perceptron Classification and KNN classification.

Prototype Cross Platform Oriented on Cybersecurity, Virtual Connectivity, Big Data and AI Control   Jul 2021 - Nov 2021

- Goal: To design and implement Intrusion Prediction using Machine Learning Methods and Performance Analysis of this Methods.

Certifications

Problem Solving and Programming with Python by Dhyanahitha Educational Society

Database Management Essentials from University of Colorado offered by Coursera

Software Development Process and Methodologies from University of Minnesota offered by Coursera