Sadeepa Bandara
Software Engineer

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EDUCATION

ST. CLOUD STATE UNIVERSITY
BS in Computer Science
Expected December 2022
Dean's List Fall 2018

LEADERSHIP

CSCI Club
Active member of the St. Cloud State University Computer Science Club.

ASLO Organization
Organized and coordinated various events and managed the organization's social media presence

COURSEWORK

Data Structures and Algorithms
Object-Oriented Software Design
Web and Front-End Development
Operating Systems
Software Systems
Computer Architecture
RESTful API Design
Database Theory and Design

SKILLS

Proficient:
React Native • Java • JavaScript
React.js • HTML/CSS
Node.js • Groovy/Grails
MongoDB • SQL
Exposure to:
Spring Framework • C# • C++
Software/Tools:
Git • Unix/Linux • WordPress
Heroku • Unity • Figma • IntelliJ
Postman

EXPERIENCE

Software Developer Intern | Exosite IoT Solutions
June 2022 – September 2022 | Minneapolis, MN
- Implemented new front and back-end features to the web application using ReactJS and NodeJS.
- Worked on implementing new front-end features to the React Native mobile application.
- Fixed UI bugs and functional bugs on the web application.
- Updated the Material-UI components on the React application to newer versions.
- Wrote Cypress test cases for implemented features with the QA team.

Software Engineer Intern | MEI Research, Ltd
June 2021 – August 2021 & January 2022 – May 2022 | Minneapolis, MN
- Created design documents for features and developed front and back-end components as well as fixed urgent bugs on a Grails web application.
- Worked on transitioning the mobile application from Titanium SDK to React Native
- Implemented database analytical and migration scripts using Python and Pymongo.
- Tested newly implemented features

Research Assistant | University of Michigan
August 2021 – December 2021 | Ann Arbor, MI
- Tested the mobile application used for gathering research data.
- Managed and analyzed research data via the research web dashboard.
- Collected and reviewed the research data and added new data to the REDCAP database.
- Configured new features and reported bugs in the mobile application.

PROJECTS

Stripe Connect Account Creator | JavaScript • Node.js • React.js
Designed and implemented a full-stack web application using Express.js for the back-end API and React.js framework for the front-end. This application calls the Stripe API and generate Connect accounts which can receive customer payments.

Warehouse System | Java • Object-Oriented-Programming • MVC
Designed and developed a warehouse system from scratch using the object-oriented programming paradigm. This warehouse system allows users to conduct basic warehouse operations. The User Interface of warehouse system has been implemented using the Model-View-Controller software architectural pattern.