Sadeepa Bandara

Software Engineer

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EDUCATION

St. Cloud State University
BS in Computer Science
Graduated in December 2022
Dean's List Fall 2018

LEADERSHIP

ASLO Organization
Event Coordinator
Collaborated with the team to organize various events and manage the organization's social media presence.

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

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
Distributed Systems
Artificial Intelligence

SKILLS

Languages/ Frameworks:
JavaScript • TypeScript • ReactJS
NodeJS • Java • Groovy/Grails
GraphQL • C++ • SQL • MongoDB

Tools/ Services:
Github • Unix/Linux
Apollo Studio • AWS
Figma • Postman
Docker • Visual Studio

EXPERIENCE

Software Developer | GeaCom, Inc.
Since January 2023 | Duluth, MN
- Implemented new features and fixed bugs in the web application using ReactJS, NodeJS, Apollo Server, and GraphQL.
- Designed and implemented MongoDB schemas and database queries to store and manage application data.
- Utilized Apollo Server to build scalable, performant GraphQL APIs and resolvers.

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.
- Fixed UI bugs and functional bugs on the web application.
- Updated the Material-UI components on the React application to a newer version.
- Used Cypress to create test cases for newly implemented features.

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.

PROJECTS

Stripe Connect Account Creator | JavaScript • ExpressJS • ReactJS
Designed and implemented a full-stack web application using ExpressJS for the back-end API and the ReactJS framework for the front-end. This application interacts with the Stripe API to generate Connect accounts capable of receiving customer payments.

Warehouse System | Java • Object-Oriented-Programming • MVC
Designed and developed an object-oriented warehouse system from scratch, enabling users to perform basic warehouse operations. The user interface of the warehouse system was implemented using the Model-View-Controller software architectural pattern.