Ravindu Weerasinghe

SOFTWARE ENGINEERING UNDERGRADUATE

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SUMMARY

Enthusiastic Software Engineer with a strong foundation in object-oriented programming, data structures, web and mobile development, and the software development lifecycle. Currently deepening expertise in the Spring Boot. Proficient in JavaScript, React.js, Java, and skilled at problem-solving. Eager to secure a Software Engineer Intern position to contribute to meaningful projects while advancing skills and growing within a collaborative environment.

PROJECTS

Pathfinder Career Guidance Application

- A platform where job seekers apply for jobs, companies post listings, add jobs and admins manage users, subscriptions, and payments.
- Technologies - React , Spring Boot (Java) , REST API , Monolithic Architecture , MySQL Workbench.
- Group Project (3 Members)
- Learned Website development using React as the frontend , Spring Boot as the backend , MySQL
- Workbench as the database and version controlling with Git.
- Developed frontend using React , Implemented microservices with separate services using
- Spring Boot (Java) , Validate all the forms and implemented data auto fetch function.

Todo Management Full Stack App

- A platform for managing tasks where users can register, log in, add todos, and track completion. Admins can log in, add, update, delete todos, and manage completed and pending tasks.
- Personal project. Technologies - React , Spring Boot (Java) , REST API , Monolithic Architecture , MySQL
- Workbench. Frontend using React and styled with the Bootstrap CSS framework. Monolithic with separate services for task management, user authentication, and data handling using Spring Boot (Java).
- Secured REST APIs with Spring Security and JWT (JSON Web Token). Implemented form validation and automated data fetching for a seamless user experience.
- Github : https://github.com/Ravindu1233/todo-management-react-frontend
- Github : https://github.com/Ravindu1233/todo-management-springboot-backend

MERN Stack User Management Application

- Users can register, log in, and update profiles with JWT authentication, email verification, and OTP for password recovery. Protected routes ensure secure access, and Formik handles form validation.
- Personal project.
- Technologies: React.js, Express.js, MongoDB, Node.js Built a user management application with secure login, profile updates, password reset, and robust backend functionalities using Node.js and Express.js. Designed and managed the database schema with MongoDB to securely store user data. Enhanced skills in full-stack web development, focusing on authentication, database management, and frontend-backend integration using the MERN stack.
- Github : https://github.com/Ravindu1233/Mern-Stack-User-Application

Food Snap | Android Food Delivery Mobile Application

- Technologies - Java , XML , SQLite
- Group Project (5 Members)
- Team Leader
- Role - Designed intuitive and user-friendly interfaces using xml , Implemented features for placing
- and managing orders, allowing user o provide feedback for each food items, and fetching and
- displaying feedback specific to individual food items

Employee Management Full Stack App

- Technologies - React , Spring Boot (Java) , REST API , Monolithic Architecture , MySQL Workbench.
- Personal project.
- Learned Website development using React as the frontend , Spring Boot as the backend , MySQL
- Workbench as the database and version controlling with Git.
- Developed frontend using React , using Spring Boot (Java) , Validate all the forms and implemented data auto fetch function.
- Github : https://github.com/Ravindu1233/User-management-frontend
- Github : https://github.com/Ravindu1233/User-management-backend

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EDUCATION

Bachelor in Software Engineering (HND) - National Institute of Business Management (NIBM) 2024-present

Bachelor in Computer System Design(Diploma) - National Institute of Business Management (NIBM) 2023-2024

G.C.E A/L Examination 2017 |
Piliyandala Central Collage

G.C.E O/L Examination 2014 |
Piliyandala Central Collage

SKILLS

- HTML
- CSS
- JavaScript
- Java
- React.js

- Spring Boot
- MS SQL Server
- C#
- MySQL

- Git
- Postman
- Responsive web design
- MongoDB
- JWT Token

- RESTfull APIs
- Tailwind CSS
- React Native

- Data Structures & Algorithms
- Object-Oriented Programming
- Software Design Patterns

- Problem-Solving
- Analytical thinking
- Team collaboration

- Critical thinking
- Solid Principles
- Agile Methodologies

- Continuous learning
- Debugging

CERTIFICATIONS

- Postman API Fundamentals Student Expert (2024)
- React Js Tutorial (2024)
- My SQL Basics (2024)
- Java Application(2024)

REFEREES

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