Siluni Rupasinghe

Undergraduate/ Software Engineering Intern

Makuluduwa, Piliyandala / silunirupasinghe@gmail.com / 071 1497 951 /
www.linkedin.com/in/siluni-rupasinghe | github.com/silunirupasinghe

SUMMARY

A technically proficient Software Engineering undergraduate with a passion for coding and experience in most JavaScript-related technologies in both back-end and front-end. Also, have experience in .Net and Java in back-end. Skilled at understanding requirements and delivering innovative solutions. Highly motivated, detail-oriented, and committed to continuous learning and professional growth.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)   June 2022 – May 2026
BSc (Hons) in Information Technology Specialized in Software Engineering

- Year 3 / CGPA: 3.4

Anula Vidyalaya- Nugegoda   2008– 2022

- GCE A/L-2021(2022)- Physical Science Stream/ 3Cs

TECHNICAL SKILLS

Programming Languages - Java, C, C++, Python, Kotlin, TypeScript

Web Technologies - JavaScript, PHP, CSS, HTML

Frameworks and Libraries- React, Node.js, React native, Bootstrap, Tailwind CSS

DATABASE- MySQL, MongoDB, SQLite

IDES AND DEVELOPMENT TOOLS- Microsoft Visual Studio, Visual Studio Code, Eclipse, Android studio, Dev C++, PyCharm, IntelliJ IDEA, Jupiter Notebook

Other - Git, Postman, Figma

PROJECTS

HirelyAI- Smart Hire Portal   github.com/HirelyAI
 (individual project- hosting soon)

- AI-powered job hiring web application that allows recruiters to post jobs and questions related to the role. Outside users can view the jobs and answer the questions related to the job position. A fine-tuned model then analyzes the answers submitted by the user and categorizes them into three categories: good, moderate and bad, which are then shown to the recruiter.

Technologies Used: React, TypeScript, Node.js, express.js, mongo Db, Open-AI and Python, Tailwind css, for authentication and authorization clerk was used.

Textile and Garment Management System for PTI (Pvt) Ltd   GitHub/Link
(Group Project-completed)

- Designed and implemented the garment and textile management function with CRUD operations, advanced reporting, and search functionalities. Additionally, integrated an email generation API and sending a PIN for verification when delivering the order.

 Technologies Used:JavaScript, React.js, mongoose, mongo DB, express, node.js, bootstrap

MediHelp - Hospital Management system for Urban Areas   MediHelp/Link
(Group Project-completed)

- Designed and implemented for patient appointment and patient details tracking. Patients can register to the system, and through the system they can manage their appointments and lab reports. Also, the doctors can add patient records to the system so the doctors and the patients can view the medical records with the prescriptions.

Technologies Used: JavaScript React.js, mongoose, mongo DB, express, node.js, Tailwind CSS, for authentication and authorization clerk was used.

FarmTech- Farming optimizer FarmTech/Link
  (group project- completed)

- This is a web application which is responsive for both mobile and laptops. The special functionality of this application is farmers can add their farmland size and get the amount of maximum plants that can be planted in that area. This is a farmland optimization feature.   In this app farmers can order fertilizers and rent farming equipment. Fertilizers will be personalized for their user profiles. Also, they can identify plant diseases by providing an image of a leaf and get fertilizer recommendations from a trained model. Also, farmers can directly connect to the crop buyers to avoid the wastage of the crop.

Technologies Used: React, JavaScript, Node.js, express.js, Mongo DB, Open-AI and Python, for authentication and authorization JWT tokens were used, Kaggle for sample dataset

Natura- Charity Event Management System Natura/Link
  (group project- completed)

- This is a mobile application which charity organizations can post charity events to the community. Volunteers can register for the events they wish to attend. Also, the donors can contribute to the projects by donating funds. Special features of this application are users can view the nearest events, event calendar, donation progress is shown in the application and chat box for the registered users.

Technologies Used: React Native, Node.js, express.js, tailwind CSS, Mongo Db

Online Vehicle Rental System
  (group project- completed)

- This is a web application which users can hire cabs and select plans. Also cab drivers can register to the system and register their vehicles to the system. This app features all the related CRUD operations.

Technologies Used: Java, JavaScript, MySQL, Bootstrap

Work Experience

Associate Finance, Sellwin Holdings (Pvt) Ltd
March 2023– July 2024

Intern Finance, Sellwin Holdings (Pvt) Ltd
Oct 2022– March 2023

Personal Skills

  Knowledgeable in Object-Oriented- Programming (OOP) & Agile Methodologies, Strong understating of Data Structures and Algorithms. Proficient in development.
Experience with UML diagrams, Fine tuning & Prompt Engineering a LLM tuning & Prompt Engineering a LLM.
Efficient Communication, Teamwork, Time management