P.K Selani Didulani

Computer Engineering Undergraduate

📱 0711498377 ✉ pkselani00@gmail.com 🏠 Colombo, Sri Lanka
🔗 in/selani-didulani 🐙 github.com/Selani00 🌐 /My-Portfolio

About Me

I am an enthusiastic and motivated Computer Engineering undergraduate with excellent interpersonal skills who welcomes challenges and architects solutions. I am seeking a position as a software engineer intern with a company where I can apply my skills and abilities to the betterment of the organization while furthering my career goals.

Educations

BSc Computer Engineering(Hons) *(University of Ruhuna - Faculty of Engineering)* *2021-present*
Currently in third year. Current GPA - 3.5/4.0

Certificate Course in Computer Application *(University of Colombo - IHRA)* *2020*
Merit Pass

Advance Level *(Devi Balika Vidyalaya - Colombo 08)* *2017-2019*
Physical Science - 2A's 1B

Ordinary Level *(Pannipitiya Dharmapala Vidyalaya)* *2006-2017*

Projects

Disaster Management System **Group Project** *2023 - present*
Role : Front end Developer(React).
The project involves the development of web and mobile applications for users to report disasters they encounter. The system facilitates the reporting of disasters to users. Additionally, a web application designed for administrators enables them to manage disaster situations and coordinate response efforts with relevant authorities.
Skills: MongoDB, Express, ReactJs, NodeJs, Flutter , GitHub , Figma, Jira

Hangman Game *(Git Link)* **Individual Project** *2024*
Hangman Game Web Application.
Skills: TypeScript, React

ChatBot *(Git Link)* **Individual Project** *2024*
Simple ChatBot Application.
Skills: OpenAI,NodeJs,ReactJs,Express

Email Spam Detector *(Website Link)* **Group Project** *2024*
The project involves the development of a spam email detection web application. Two models were constructed utilizing Logistic Regression and the Naive Bayes algorithm, with a dataset sourced from Kaggle.
Skills: Python, ML Algorithms, HTML, CSS

Travel Companian - Mobile App *(Git Link)* **Group Project** *2024*
The mobile application was designed to enhance travel experiences. Users has the ability to perform CRUD operations for the journey experience notes and journey plan notes, alongside features such as Local Notification, Location Services, Real-time weather details, and Login/Registration Functionality.
Skills: Flutter , Firebase

Document Management System *(Git Link)* **Individual Project** *2023*
Users were able to log into the system using their credentials and perform CRUD operations for the document entries they had made. Additionally, they could search for documents by title.
Skills: ASP.NET, ReactJs, SQL Server

Patient Registration System *(Demo Link)* **Group Project** *2023*
The system implemented role-based login, where users could only manage patient details, while administrators had the authority to manage both user and patient information. CRUD operations and search functionalities were available. Additionally, the system has ability of calculating the total bill after receiving relevant details.
Skills: WPF, MVVM architecture , c# , SQLite

Experiences

Internship trainee *(Regional Development Bank)*   **Nugegoda** *August 2020–January 2021*
- Loan File Management and Customer Handling.

Skills

- **Languages:** C++, JavaScript, TypeScript , Python , Java ,Dart ,C#

- **Libraries and Framworks:** React, NodeJs, Flutter, ASP.NET, NextJs , Tailwind CSS, TensorFlow

- **Database:** MongoDB, Firebase, Microsoft SQL Server, SQLite

- **UI/UX:** Figma, Canva

- **Project Managment:** Jira

- **Version Control:** Git, GitHub

- **Soft Skills:** Teamwork and Collaboration, Communication Skills, Time Management and Organization, Self-Motivation and Initiative, Creative Problem-Solving, Adaptability

Online Courses & Certifications

- AWS Cloud Technical Essentials (Ongoing)

- Basics and Structure of Java Programming (Mar 2024) [Alison](#)

- React Basics (Mar. 2024) - [Coursera](#)

- Problem Solving(Basics) (Feb. 2024) - [Hackerrank](#)

- Gold Badge- Problem Solving (2023) - [Hackerrank](#)

- AI/ML Stage 1 and 2 (2023) - [SLIIT](#)

- Diploma in Website Development Using HTML and CSS (2023) - [Alison](#)

- Python for Beginners (Mar.2023) - [UOM](#)

- Leadership Training Workshop (Aug.2022) - [SLU](#)

- Second Place(TEAM AROMATIC) - Best Performance in DIALux design - Best Performance in Innovation Task (Jun.2022) - [EMINENCE 2.0](#)

Extra Curricular

- Swimming - Captain - Faculty Women's Team

- Drama - Member - Faculty Drama Team

- Webmester - CS Student Chapter - IEEE Student Branch UoR (2023)

References

Dr. Rajitha Udawalpola
Department Head - Senior Lecturer,
Faculty of Engineering,
University of Ruhuna.
rajitha@eie.ruh.ac.lk
0718578608

Dr.S.H.K.K. Gunawickrama
Senior Lecturer,
Faculty of Engineering,
University of Ruhuna.
keerthi@eie.ruh.ac.lk
0718241787