Sandali Kulasooriya

B.Sc. Computer Engineering Undergraduate

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LinkedIn   Github

About Me

I am a dedicated and passionate third year Computer Engineering undergraduate with an interest in Software Engineering. I am eager to apply my skills and knowledge in this opportunity where I can gain invaluable experiances. I have obtained knowledge on Web development, Mobile application development, Machine learning, and AI. I am a fast learner and a team player hoping to be a part of an innovative company.

Education

B.Sc.Eng. in Computer Engineering ,   UNIVERSITY OF RUHUNA   (2021 - 2025 EXPECTED)
GPA : 3.32

GCE Advanced Level(2019)   /   Physical Science Stream ,
FERGUSON HIGH SCHOOL RATHNAPURA (2006-2019),

1 'A' and 2'B's (District Rank 49)

Technical Skills

Programming languages :   C # , Javascript , Java , Python , Dart
Backend development :   ASP .NET , Node Js , Firebase
Frontend development :   React Js , Blazor, Flutter, HTML, CSS

Databases :   Postgresql , MySQL , MongoDB
Other :   Jira , Figma , Git , Github , Web API (C#)

Projects

Student Portal of the ERP system for the University   /   Web Application Development
09/2023 - 06/2024 , 3RD YEAR SOFTWARE GROUP PROJECT   Github Repository

- This web application contains features of module registration, sending requests letters, viewing announcements, viewing results and providing students' feedback.

Roles :   Project Manager , Full stack developer (for the platform of sending request letters)

Technologies :   ASP .NET Core and C# , Blazor, SQlite, Microservices architecture , Scrum (Agile) methodology

Online Store application   /   Web Application Development   Github Repository
9/2023 - 01/2024, GROUP PROJECT

- Developed a web application for an online gardening store that offer user-friendly product pages, a shopping cart, and a payment platform.

Roles : Full stack developer , UI/UX designer   **Technologies :** MERN stack, Redux

Stock Price Prediction model / Machine Learning   Github Repository

09/2023 - 01/2024, GROUP PROJECT

- Developed a Linear Regression model and a Decision trees model for Stock Price Prediction and compared their performance. The project involved analyzing historical stock data, preprocessing the features, training the models, and evaluating their performance. **Technologies : Python , Jupyter notebook**

Database schema for an Online Music Streaming Platform / Database Systems

05/2023 - 08/2023, GROUP PROJECT

- Designed the ER diagram and UML class diagram, normalization of the tables, defining table relationships, writing simple and complex queries and database tuning.   **Technologies : MySQL**

Quiz Application / Desktop Application   Github Repository

05/2023 - 08/2023, GROUP PROJECT

- Designed a multiuser quiz application with a user interface using Java.

Technologies : Java , Swing, AWT

Non Technical Skills

Teamwork   Willingness to learn   Problem solving skills

Achievements and Certificates

Obtained the Yellow belt from Sri Lanka Taekwondo Federation (2023)

Skills Plus 4 English language course - British council (2020)

Extra Curricular Activities

Joined SEDS Sri Lanka Media Devision (Magnetar) as a Web developer (Present)

Student member of SEDS Ruhuna chapter (Present)

Participated in EMINENCE 4.0 organized by Women in Engineering (WIE) , IEEE student branch, University of Ruhuna (2024)

Participated in Inter-Faculty Taekwondo tournament organized by University of Ruhuna (2023)

Member of the Faculty of Engineering Taekwondo team (2023 - Present)

Volunteered in the "MEHEWARA" seminar series organized by the Engineering Faculty Students' Union, University of Ruhuna (2023)

References

Dr. Rajitha Udawalpola - Head, Senior Lecturer , Department of Electrical and Information Engineering,

Faculty of Engineering, University of Ruhuna, Sri Lanka

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 Dr. Prabath Weerasinghe - Senior Lecturer , Department of Electrical and Information Engineering,

Faculty of Engineering, University of Ruhuna, Sri Lanka

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