

Prabodhani Dilhari Karunarathne

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PROFILE

Dedicated undergraduate with a Bachelor of Science degree from the University of Kelaniya, Passionate in Software, Web, Mobile Development, and Graphic Design. Possess a solid technical foundation with expertise in multiple programming languages, frameworks, and design tools. Proven track record of delivering comprehensive web applications and compelling graphic designs through academic projects and personal initiatives. Adept at solving complex technical challenges and creating user-centric designs. Committed to contributing to innovative projects and advancing my skills in the dynamic fields of information technology.

EDUCATION

Bachelor of Science Degree

University of Kelaniya, Sri Lanka (2021-2024)

- Computer Science
- Pure Mathematics
- Applied Mathematics
- Auxiliary Course Units - Human Resource Management, Marketing Management

G.C.E A/L Examination 2019 (Physical Science Stream)

Vishaka Balika Vidyalaya Sapugaskanda (2016-2019)

- Combined Mathematics, Chemistry, Physics

G.C.E O/L Examination 2015

Holy Family B.V. Kadawatha (2005-2015)

TECHNICAL SKILLS

- **Programming Languages** : C, Java, C#, Kotlin, Python, JavaScript, PHP
- **Frameworks** : Springboot, .NET, ReactJs
- **Database** : SQL (Oracle, MySQL), NOSQL (Mongo DB)
- **Front-End** : HTML5, CSS3, Tailwind CSS
- **Version Control** : Git, GitHub
- **Graphics Editors** : Adobe Photoshop, Adobe Illustrator, CorelDraw, InDesign, Figma
- **Other** : MATLAB, Docker, MS Office Applications(Office, Excel, PowerPoint)

CERTIFICATES

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| • Certificate in Proficiency in English | National Institute of Education (Kelaniya) |
| • Certificate in Graphic Design | National Institute of Education (Kelaniya) |
| • Certificate in Microsoft Office | National Institute of Education (Kelaniya) |
| • Introduction to Android Mobile Application Development | Coursera |
| • Introduction to Front-End Development | Coursera |
| • Introduction to Back-End Development | Coursera |
| • Version Control | Coursera |

PROJECTS

- **NaviGuide | Group Project |2023**

A web-based platform that allows the community to connect Resource persons for Awareness Programs. Profiles for Community and Admins, Specialized user Dashboards, Secured Back-end.

My contribution

Responsive UI using ReactJS for site home, admin dashboard, and user profiles developed. REST API for CRUD operations using Springboot.

Technologies Used

React Js, Springboot, Java, MongoDB

- **Food Donation System | Group Project |2023**

The purpose of this system is to make a platform that gets food from the donors and donates it to the corresponding people who do not have enough food to eat.

My contribution

Taken part in designing the developed UI, Controller, and Model of the program in **MVC** architecture. Developed the features for CRUD operations using **MySQL**.

Technologies Used

.NET, C#, MySQL

- **To-Do Android Application | Group Project |2024**

To-Do list mobile application which allows users to manage their to-do lists. Users are able to add, update, delete, and search the items.

My contribution

Application UI and controller designed and developed using MVC architecture.

Implemented the sort, add, update, and delete features.

Technologies Used

Kotlin, Android Studio UI development

- **Student's Association Website |2023**

Technologies Used - HTML, CSS, JavaScript, PHP

Role - Full-stack Developer

- **Hotel Management System |2023**

Technologies Used - Java

Role - Developer

SOFT SKILLS

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|---------------------------------------|------------------|
| • Problem Solving & Creative thinking | • Quick Learning |
| • Interpersonal Communication | • Leadership |
| • Collaborative Teamwork | • Adaptability |

Sports

- Chess team member of
- **Holy Family B.V. Kadawatha** - Achieved up to all-island level Chess Awards
 - **Vishaka Balika Vidyalaya Sapugaskanda**
 - **University of Kelaniya**

EXTRA CURRICULAR

- Member of Mathematics Students Society, University of Kelaniya.
- Member of Statistical and Computer Science Students Association, University of Kelaniya.
- Voluntary Teacher at Attygalle Sunday School, Sri Nikethanaramaya. (Dalupitiya)

REFERENCE

Dr. S. P. Pitigala, Senior Lecturer (Grade II)
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University of Kelaniya.
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