

MEDHAWA NERANJAN

U N D E R G R A D U A T E

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SUMMARY

Aspiring and dedicated Software Engineering undergraduate at the Open University of Sri Lanka with a strong focus on mobile app development using Flutter, React Native, and Java. Possessing hands-on experience in freelance WordPress development, I am committed to leveraging my technical skills in real-world applications. I have also worked on personal projects using Python, further broadening my programming expertise. As an active member and volunteer of the Career Guidance Unit, currently serving as a Design Team Member, I thrive in collaborative environments and am passionate about continuous learning and problem-solving. Eager to embrace new challenges and seeking an internship to further enhance my expertise in software engineering.

WORK EXPERIENCE

Self Employed at Fiverr - Part-time

Dec 2020 - Nov 2022

- Developed websites for blogs and e-commerce shops as a web developer using WordPress and Ghost optimizing performance and ensuring seamless user experiences for visitors.

Trainee Automotive Electromechanical Technician at ShiMoto - Full-time

Nov 2020 - Aug 2021

- Scanned and identified defects in European vehicles, modified vehicles, and repaired software issues as a diagnostic and repair technician to enhance vehicle performance and ensure compliance with European standards.
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PROJECTS

SkyCast - Personal Project

Personal Weather App

- Designed and developed a mobile app for real-time weather updates using Flutter and the OpenWeather API enabling users to quickly check temperature, humidity, and wind conditions with a user-friendly interface.
- **Technologies** - Flutter Framework, Dart, Open Weather API

AutoMinder - University Project

Vehicle Maintenance Tracking App

- Created an app to help vehicle owners track maintenance schedules using Android Studio, Java, and Firebase for data storage allowing users to log services, set reminders, and securely store essential vehicle records.
- **Technologies** - Android Studio, Java, Firebase

AgroSense - Personal Project (Ongoing Project)

Polytunnel Automation System

- Developed an automated polytunnel system for plant growth optimization using Python, Dart, and automated climate controls ensuring optimal conditions for plants through automated humidity, temperature, and watering adjustments.
- **Technologies** - Python, Dart, OpenWeather API

WealthWise - University Project

Personal Finance Tracker App

- Created intuitive and user-friendly UIs for a cross-platform personal finance app and integrated Firebase Authentication along with Firestore database services. This allowed for secure and synchronized data management, ensuring a seamless user experience. As a result, users can easily track their income and expenses with access to their financial health across both Android and iOS devices.
- **Technologies** - React Native, TypeScript, Firebase

EDUCATION

Bachelor of Software Engineering Honours

Mar 2021 - Present

The Open university of Sri Lanka.

Diploma in Information Technology

Jan 2018

ESOFT Metro Campus

Diploma in English

Jan 2018

ESOFT Metro Campus

Diploma in Electronics & Computer Hardware

Jun 2016 - Jan 2017

Electronic Engineering Institute for Modern Technologies

Trainee - Full Stack Developer

University of Moratuwa

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, TypeScript, Dart
- **Frameworks:** Flutter, React Native, NextJs, Flask
- **Database:** Firebase, SQL
- **Tools:** Figma, VS Code, Android Studio

VOLUNTEER WORK

- Contributed as a member of the organizing committee for the Career Guidance Unit at the Open University of Sri Lanka helping to organize and enhance career guidance services for students.

EXTRA CURRICULAR ACTIVITIES

- Played table tennis and chess as a member of the sports teams at Gurukula National College competing in tournaments and representing the school in both sports.
- Contributed to the school media unit as a member at Gurukula National College assisting in media-related activities and school communications.
- Led the New Innovation Club as president at Gurukula National College fostering creativity and innovation among students through club activities.

REFEREES

Dr. Chamila Dias

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