

SANDARUWAN WADIYAGE

Software Developer - Intern

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<https://www.github.com/WQDiYaGE> Colombo



SUMMARY

As a final-year BSc (Hons.) Software Engineering student at NSBM Green University, affiliated with the University of Plymouth, UK, I have built a solid foundation in software development, with a strong focus on both backend and frontend technologies. My expertise spans multiple programming languages, including Java, Kotlin, JavaScript, Python, and SQL, allowing me to develop robust applications across different platforms. I have hands-on experience in database management with MySQL and advanced SQL, ensuring efficient data handling and storage solutions. Additionally, I am proficient in using various testing and debugging tools, such as JUnit, Selenium, Jest, and Chrome DevTools, to ensure software quality and performance. I am eager to apply my technical skills and problem-solving abilities in a dynamic Software Developer role, contributing to innovative projects and delivering high-quality software solutions.

EDUCATION

BSc (Hons.) Software Engineering

University Of Plymouth, United Kingdom (UK)

06/2021 - Present NSBM Green University Town - Sri Lanka

- Key findings: Programming in C, Database Management Systems, Object-Oriented Programming, Web Application Development (HTML/CSS/JavaScript), Algorithms and Data Structures, Software Development Tools & Practices, Full-Stack Development, Mobile App Development, AI and Machine Learning, Introduction to IoT, Software Project Management

PROJECTS

BalangodaPULSE - Community Engagement Application

01/2024 - 08/2024

<https://github.com/WQDiYaGE/urban-council-balangoda-mobile-application-updated.git>

Developed a comprehensive system for the Urban Council Balangoda aimed at automating and enhancing communication between the council and the residents.

- The system includes a mobile application and an admin panel. The mobile app, built using the Flutter framework with Firebase, facilitates localized content delivery, community forums, issue reporting, and emergency alerts. The admin panel, created using ReactJS/NextJS, allows for efficient management of content and user interactions.

Traveller - Travel Website

09/2022 - 03/2023

https://drive.google.com/file/d/1vJGLdrWv4V9zxFrBC4K6i_2-ssioKZan/view?usp=sharing

Developed a travel website to improve the travel experience for tourists in Sri Lanka by implementing an NFC travel card system with QR codes, aimed at reducing scams and fraud. The project utilized MongoDB, Express.js, React.js, and Node.js to create a secure and interactive platform.

CinePix Cinema - Movie Ticket-Booking website

02/2023 - 05/2023

https://github.com/kavindu-sandaruwan/CinePix_Cinema.git

Created a modern, user-friendly website for ABC cinema to enhance ticket reservation and customer engagement. The project included features for online ticket/seat booking, payment processing, customer feedback visualization, and real-time SMS/Email notifications using JSP/Servlet technologies.

UpdateLK

05/2024 - Present

<https://github.com/WQDiYaGE/UpdateLK.git>

Currently developing an e-commerce app to facilitate the sale of iPhones and accessories

VOLUNTEERING

FOSS Community

NSBM Green University Town

12/2021 - 05/2023

Actively contributed to open-source projects and promoted open-source software among the student community.

- Organized and participated in workshops and hackathons to encourage collaborative development and learning.
- Assisted in mentoring junior students and providing technical support for community events.

IEEE Student Branch

NSBM Green University Town

02/2022 - 12/2023

Participated in various technical seminars, workshops, and competitions organized by the IEEE Student Branch.

- Collaborated with fellow members on projects and community initiatives aimed at promoting technological advancement.

KEY ACHIEVEMENTS



Participated HACKTO-NIGHT 22

Successfully competed in NSBM's overnight hackathon, HACKTO-NIGHT 22, among over 100 participants. Contributed to a collaborative project aimed at enhancing open-source contributions and demonstrated strong problem-solving and coding skills.

SKILLS

Python

C

C# with ASP.NET

Java

HTML/CSS

JavaScript

React.js

Angular.js

Express.js

Node.js

MySQL

Advanced SQL

MongoDB

Firebase Integration

RESTful APIs

Version Control

Visual Studio Code

Testing & Debugging

LANGUAGES

English

Advanced

