SANDARUWAN WADIYAGE

ASPIRING FULL-STACK DEVELOPER | SOFTWARE ENGINEERING UNDERGRADUATE

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SUMMARY

A highly motivated and skilled aspiring Full-Stack Developer with a strong foundation in both **front-end** and **back-end** development. Proficient in creating responsive user interfaces using **ReactJS**, and building scalable server-side applications with **Node.js** and **Express.js**. Experienced in developing **RESTful APIs** and working with modern databases like **MongoDB**. Passionate about delivering efficient, maintainable code and improving user experience. Eager to contribute to innovative projects, leveraging strong problem-solving skills, teamwork, and a deep understanding of full software development lifecycles. Currently seeking a Full-Stack Developer Internship to apply technical skills and continue growing professionally.

EDUCATION

06/2021 - Present

NSBM Green University Town - Sri Lanka

BSc (Hons.) Software Engineering
University Of Plymouth, United Kingdom (UK)

GPA **3.45** / **4.0**

- **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

TRAINING / COURSES

Certificate in Advanced Java Programming

Centre For Open And Distance Learning, Sabaragamuwa University Of Sri Lanka

Certificate in Graphic Designer

Vocational Training Center (VTC - Dehiwala), National Youth Services Council Of Sri Lanka

VOLUNTEERING

Volunteer
FOSS Community

📅 12/2021 - 05/2023   📍 NSBM Green University Town - Sri Lanka

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.

Volunteer
IEEE Student Branch

📅 02/2022 - 12/2023   📍 NSBM Green University Town - Sri Lanka

Participated in various technical seminars, workshops, and competitions organized by the IEEE Student Branch.
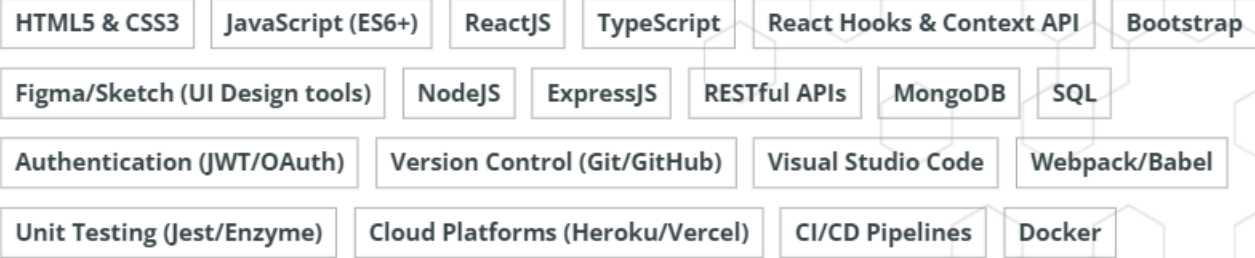- Collaborated with fellow members on projects and community initiatives aimed at promoting technological advancement.

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.

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SKILLS

| HTML5 & CSS3 | JavaScript (ES6+) | ReactJS | TypeScript | React Hooks & Context API | Bootstrap |

| Figma/Sketch (UI Design tools) | NodeJS | ExpressJS | RESTful APIs | MongoDB | SQL |

| Authentication (JWT/OAuth) | Version Control (Git/GitHub) | Visual Studio Code | Webpack/Babel |

| Unit Testing (Jest/Enzyme) | Cloud Platforms (Heroku/Vercel) | CI/CD Pipelines | Docker |

PROJECTS

BalangodaPULSE (Community Engagement Application with Admin Panel)

📅 01/2024 - 08/2024
🔗 https://www.github.com/WQDiYaGE/urban-council-balangoda-mobile-application-updated.git

Description - 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 effi cient management of content and user interactions.
  Admin Panel - https://github.com/WQDiYaGE/urban-council-balangoda-admin-panel-updated.git

ImageGenie (AI-Powered Image Generation Platform)

📅 08/2024 - 09/2024
🔗 https://www.github.com/WQDiYaGE/ImageGenie.git

Description - Developed a dynamic web application using **ReactJS** that allows users to generate custom images from text prompts via **OpenAI's API**. The platform offers **real-time image generation**, user authentication, and **image storage** capabilities using **Cloudinary**. The front-end is built with **ReactJS and CSS**, while the back-end utilizes **Node.js, Express, MongoDB**, and **Cloudinary** for seamless integration and image management.

CareersLK (Job Portal Web Application)

📅 09/2024 - Present
🔗 https://www.github.com/WQDiYaGE/CareersLK.git

Description: Developed a robust job portal web application using the **MERN stack** (MongoDB, Express, ReactJS, Node.js) to connect job seekers with employers. The platform enables real-time job posting, user authentication, job search, and application tracking features. **Employers** can post jobs, manage listings, and view applicants, while **job seekers** can search, filter jobs, and apply seamlessly. Integrated **MongoDB** for efficient data management, with **Express** and **Node.js** handling the back-end API, and **ReactJS** delivering a dynamic front-end user experience.

LANGUAGES

English
Advanced ●●●○○

REFERENCES

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