SANDARUWAN WADIYAGE

SOFTWARE ENGINEERING GRADUATE | SEEKING SOFTWARE ENGINEERING INTERNSHIP
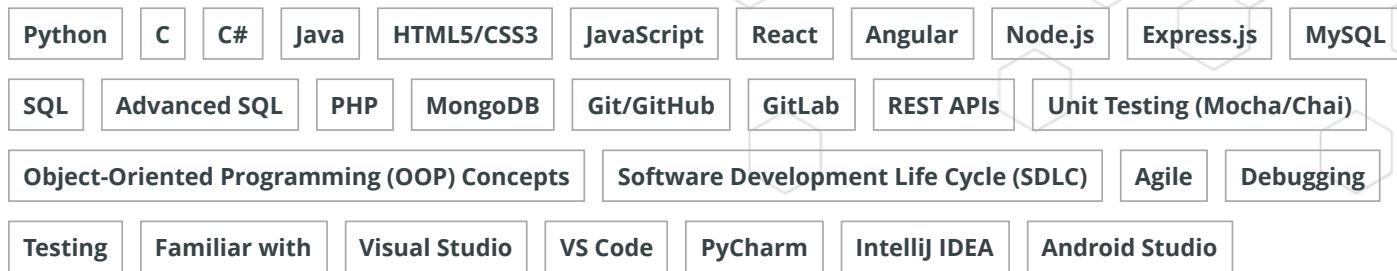
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🔗 https://www.linkedin.com/in/sandaruwan-wadiyage   📍 Colombo   ☆ https://www.github.com/WQDiYaGE
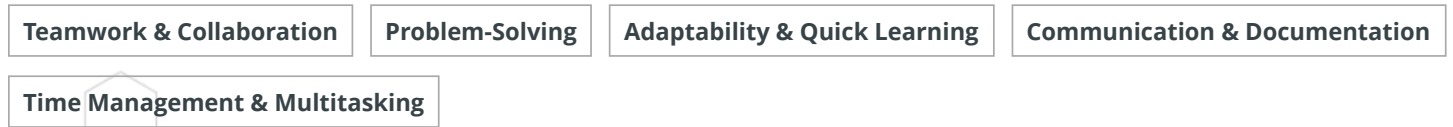
SUMMARY

Motivated and detail-oriented Software Engineering graduate with a strong foundation in **full-stack development**, **object-oriented programming**, and **database management**.
Proficient in **JavaScript**, **React.js**, **Node.js**, and database technologies like **MongoDB** and **MySQL**. Skilled in **problem-solving**, **debugging**, and **collaborating in Agile development teams**.
Seeking a Software Engineering Internship to gain hands-on industry experience, apply my technical skills to real-world projects, and contribute to a dynamic development team.

SKILLS

TECHNICAL SKILLS

Python | C | C# | Java | HTML5/CSS3 | JavaScript | React | Angular | Node.js | Express.js | MySQL

SQL | Advanced SQL | PHP | MongoDB | Git/GitHub | GitLab | REST APIs | Unit Testing (Mocha/Chai)

Object-Oriented Programming (OOP) Concepts | Software Development Life Cycle (SDLC) | Agile | Debugging

Testing | Familiar with | Visual Studio | VS Code | PyCharm | IntelliJ IDEA | Android Studio

SOFT SKILLS

Teamwork & Collaboration | Problem-Solving | Adaptability & Quick Learning | Communication & Documentation

Time Management & Multitasking

PROJECTS

BalangodaPULSE (Community Engagement Application with Admin Panel)

📅 01/2024 - 08/2024
🔗 https://www.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 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

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 Website

📅 09/2024 - 01/2025
🔗 https://github.com/WQDiYaGE/CareersLK.git

Developed a job portal website using the MERN stack (**MongoDB**, **Express**, **React**, **Node.js**) and **TailwindCSS**. The frontend was built with React and **Vite**, ensuring a fast and efficient development experience. Designed to connect students seeking job opportunities with recruiters looking for candidates.
Key features includes.

- **Recruiter Portal** - Manage user profiles, register companies, post job openings, review applicants (accept/reject), and download resumes.
- **Job Seekers Portal** - Build profiles, upload resumes, browse and filter job posts, and apply for opportunities.

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EDUCATION

06/2021 - 12/2024

NSBM Green University Town - Sri Lanka

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

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

- **Key Coursework & Skills Gained**
  Programming & Software Development: Python, C, C#, Java, JavaScript, Dart, Kotlin, OOP, Full Stack Development (MERN & MEAN), Mobile App Development
  Web & Database Technologies: HTML5, CSS3, JavaScript, React, Angular, Node.js, Express.js, MySQL, MongoDB, PHP
  Software Engineering Principles: Software Development Life Cycle (SDLC), Agile Methodologies, System Analysis & Design, Software Testing, Debugging, Quality Assurance (QA)
  AI & Data Processing: Machine Learning with MATLAB, Information Management & Retrieval, Advanced Databases
  IoT & Embedded Systems: Arduino Programming, Sensor Integration
  Project & Teamwork Experience: Individual Computing Project, Group Project, Software Project Management
  Human-Computer Interaction (HCI) & Graphics: UI/UX Design Principles, Computer Graphics, Visualization.

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.

TRAINING / COURSES

Certificate in Advanced Java Programming

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

UI/UX Design & Enterprise Design Thinking Practitioner, including Enterprise Design Thinking - Practitioner

IBM (Guided by EDU-ONE Institute)

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.

LANGUAGES

English
Advanced
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REFERENCES

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