

SANDARUWAN WADIYAGE

SOFTWARE ENGINEERING GRADUATE | SEEKING SOFTWARE ENGINEERING INTERNSHIP

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GitHub | LinkedIn | Portfolio

<https://github.com/wadiyage> | <https://linkedin.com/in/sandaruwan-wadiyage> | <https://wqd-yage.pages.dev>

PROFESSIONAL SUMMARY

Motivated and detail-oriented Software Engineering graduate with a strong foundation in full-stack development, object-oriented programming, and modern web technologies.

Skilled in JavaScript, React, Node.js, MongoDB, and agile development workflows. Proven ability to build real-world applications, collaborate on diverse teams, and solve complex technical problems. Eager to contribute to a dynamic software engineering team through a hands-on internship.

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

PROJECTS

BalangodaPULSE - Community Engagement Platform | Jan 2024 - Aug 2024

GitHub: github.com/WQDiYaGE/urban-council-balangoda-mobile-application-updated

Admin Panel: github.com/WQDiYaGE/urban-council-balangoda-admin-panel-updated

Developed a mobile-first citizen engagement system for the Urban Council Balangoda using Flutter and Firebase.

- Built features including issue reporting, emergency alerts, and localized news delivery.
- Created a responsive admin dashboard using React.js and Next.js for managing content and citizen interactions.
- Enabled real-time communication between the council and public, improving civic engagement.

ImageGenie - AI-Powered Image Generation App | Aug 2024 - Sep 2024

GitHub: github.com/WQDiYaGE/ImageGenie

Built a web platform that generates images from text prompts using OpenAI's API.

- Developed the front end using React and CSS for a responsive UI with real-time image rendering.
- Designed the backend with Node.js, Express, and MongoDB to manage user data and image storage.
- Integrated Cloudinary for seamless image hosting and OpenAI for prompt-based generation.

CareersLK - Job Portal Website | Sep 2024 - Jan 2025

GitHub: github.com/WQDiYaGE/CareersLK

Created a job portal to connect students with recruiters using the MERN stack and TailwindCSS.

- Built recruiter and job seeker dashboards with features like job posting, application tracking, and resume uploads.
- Implemented filters, user authentication, and resume downloads to streamline the hiring process.
- Enhanced job discovery experience with dynamic search and responsive UI.

EDUCATION

NSBM Green University Town - Sri Lanka

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

Jun 2021 - Dec 2024 | GPA: 3.45 / 4.0

Relevant Coursework & Skills

- Programming & Software Development: Python, C, C#, Java, JavaScript, Dart, Kotlin
- Full-stack Web & Mobile Development: MERN, MEAN, Flutter, React.js, Angular, Node.js, MySQL, MongoDB

- Software Engineering Principles: Agile Methodologies, SDLC, Software Testing, QA, Debugging
- AI & Data Processing: Machine Learning (MATLAB), Advanced Databases, Information Retrieval
- Human-Computer Interaction & Design: UI/UX, HCI, Computer Graphics, Visualization
- IoT & Embedded Systems: Arduino, Sensor Integration
- Team-Based Project Work: Individual Computing Project, Group Project, Project Management

CERTIFICATIONS & COURSES

iCET Certified Developer (iCD) - Diploma Program

Institute of Computer Engineering Technology (iCET) | In Progress: 2025

- A transformative one-year program with a six-month industrial training component, focused on equipping learners with in-demand software development skills.
- Features hands-on, project-based learning using industry technologies and frameworks.
- Includes career mentorship, soft skills training, and real-world projects aligned with modern software engineering practices.

UI/UX Design & Enterprise Design Thinking Practitioner (Guided By IBM)

EDU-ONE Online Institute | Completed: 2025

- Completed IBM's Enterprise Design Thinking – Practitioner level.
- Gained hands-on experience in UI/UX design, user research, wireframing, and usability testing.

VOLUNTEERING EXPERIENCE

Volunteer – FOSS Community

NSBM Green University Town – Sri Lanka | Dec 2021 – May 2023

- Contributed to open-source projects and promoted the use of open-source technologies among students.
- Helped organize coding workshops, hackathons, and tech events to encourage collaborative learning.
- Engaged with peers to mentor junior students on version control and Git best practices.

Volunteer – IEEE Student Branch

NSBM Green University Town – Sri Lanka | Feb 2022 – Dec 2023

- Participated in technical seminars, competitions, and workshops organized by the IEEE Student Branch.
- Collaborated with teams on community tech initiatives focused on knowledge sharing and innovation.
- Assisted in managing events and contributed to project documentation efforts.

ACHIEVEMENTS

- Successfully competed in NSBM's overnight hackathon "HACKTO-NIGHT 22", among 100+ participants, developing an open-source project with a team under 12 hours.
- Contributed to high-impact student-led open-source projects through the FOSS community.
- Recognized for consistent involvement in IEEE and FOSS tech events and workshops.
- Completed multiple self-directed full-stack projects and published them on GitHub, showcasing initiative and real-world development skills.

LANGUAGES

- English - Advanced (Professional Proficiency)
- Sinhala - Native

REFERENCES

Mohamed Shafraz

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