SANDARUWAN WADIYAGE

SOFTWARE ENGINEERING GRADUATE

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PROFESSIONAL SUMMARY

Software Engineering graduate with strong foundations in **Java**, **Object-Oriented Programming**, and **Data Structures**, supported by **hands-on projects in web, desktop, and API-based applications**. Currently undergoing **industry-focused training** under the **iCET Certified Developer (iCD)** program, gaining **practical exposure** to **enterprise frameworks** and **best practices**. Passionate about writing **clean**, **maintainable code** and **solving real-world problems**.

Seeking an **entry-level opportunity** within the **software industry to apply my technical foundation**, **gain hands-on experience** with **production systems**, and develop into a **well-rounded software engineer**.

SKILLS

Programming Languages — **Java (Core)**, **JavaScript**, **Python**, **C**, **C#**
Web Technologies & Frameworks — **HTML5**, **CSS3**, **Bootstrap**, **React/Angular**, **Node.js**, **Express.js**, **Spring Boot (basic)**
Databases — **MySQL**, **MongoDB**, **SQL**, **Advanced SQL**
Tools & Development Practices — **Git**, **GitHub**, **GitLab**, **REST APIs**, **Postman**, **Software Development Life Cycle (SDLC)**, **Agile/Scrum**, **Unit Testing (Mocha, Chai)**, **Debugging**
IDEs & Development Tools — **IntelliJ IDEA, Visual Studio Code, Visual Studio, PyCharm, Android Studio**

PROJECTS

Portfolio — Personal website (Next.js, Tailwind, HTML5/CSS3, JavaScript) | Oct — Nov 2025
-        Designed and developed a responsive personal portfolio to showcase projects, technical skills, and education.
-        Migrated from a Bootstrap-based layout to Next.js and Tailwind CSS, improving performance, maintainability, and SEO.
-        Deployed and hosted the application with optimized routing and responsive design across desktop and mobile devices.

BaiscopeLK — Movie discovery web app (HTML5/CSS, JavaScript, OMDb API) | Nov — Dec 2025
-        Developed a client-side movie discovery application integrating the OMDb API for real-time data retrieval.
-        Implemented features including title search, keyword browsing, random movie generation, IMDb ID lookup, and a favorites system using localStorage.
-        Focused on clean UI design, asynchronous API handling, error management, and mobile responsiveness.

FashionRack POS — Responsive Point-of-Sale (HTML, CSS, JavaScript) | Nov — Dec 2025
-        Built a responsive Point-of-Sale interface (POS) for a retail clothing store with product and customer management.
-        Implemented cart operations, discount handling, receipt generation, and full client-side CRUD functionality.
-        Demonstrated strong understanding of UI workflows, form validation, state handling, and real-world retail scenarios.

Other Academic & Mini Projects
-        Developed **multiple Java console** and **OOP-based mini projects** (**inventory systems**, **utility applications**) during training.
-        **Practiced SQL database design**, **CRUD operations**, and **query optimization exercises**.
-        Completed **API integration** and **debugging exercises** as part of the iCET Certified Developer program.

EDUCATION

BSc (Hons.) Software Engineering

University Of Plymouth, United Kingdom (UK)
Completed at NSBM Green University Town - Sri Lanka
Jun 2021 - Dec 2024 | GPA: 3.12 / 4.0
Key Areas of Study & Technical Focus:

- Software Engineering Principles & Professional Practice, Object-Oriented Programming & Data Structures, Web Application Development & API Integration, Database Systems & Information Management, Software Testing, QA & Debugging, UI/UX, Human–Computer Interaction & Team-Based Projects

CERTIFICATIONS & PROFESSIONAL TRAINING

iCET Certified Developer (iCD) - Diploma Program
Institute of Computer Engineering Technology (iCET) | In Progress: 2025

- Currently following industry-focused training covering software development fundamentals, object-oriented design, and full-stack application development.
- Gaining practical exposure to Java application development, RESTful API integration, database-driven systems, and enterprise-level development practices.
- Developing hands-on experience with real-world problem solving, debugging, version control, and collaborative development workflows.

Certificate in Graphic Designer
Vocational Training Center (VTC) – Dehiwala, National Youth Services Council of Sri Lanka | Completed: March, 2025

- Completed practical training in visual design, branding, layout design, and digital content creation.
- Developed hands-on experience in creative problem-solving and visual communication, supporting frontend and UI-related development work.

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.

LANGUAGES

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

REFERENCES

Frank Cronemberg MSc.(SE), MBCS(UK), RITTech
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