

ANCHUGA SELVARATNAM

SOFTWARE ENGINEERING UNDERGRADUATE

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SUMMARY

Software Engineering undergraduate with a strong foundation in web application development, frontend design, and database management. Skilled in JavaScript, Node.js, Firebase, MongoDB, MySQL, HTML, CSS, and responsive web development. Passionate about building user-friendly digital solutions, learning emerging technologies, and applying technical skills to solve real-world problems.

EDUCATION

Higher National Diploma in Information Technology (HNDIT)	July 2024 – Present
SLIIT City Uni	
Secondary Education	2016 – 2022
Saivapragasa Ladies' College, Vavuniya	
Primary and Secondary Education	2009 – 2016
Adventist International School, Vavuniya	

TECHNICAL SKILLS

- Programming Languages :** Java, Python, C, C++, SQL, R
- Web Development:** HTML, CSS, JavaScript, Bootstrap, React, jQuery, AJAX, JSON, TypeScript, WordPress, Express.js, Node.js, UI/UX Principles
- QA & Testing:** Manual Testing, Test Case Writing, Bug Reporting, Functional Testing, UI Testing, API Testing, Postman, Selenium, Cypress, Playwright, Basic Automation Testing
- Databases:** MongoDB, MySQL, Firebase Realtime Database
- Design Tools:** Figma, Canva
- Development Tools:** GitHub, Visual Studio Code, NetBeans, R Studio, Android Studio

PROFESSIONAL EXPERIENCE

UI/UX Designer Intern	Dec 2025 – May 2026
IdeaTech (Pvt) Ltd	
- Designed wireframes and high-fidelity UI screens in Figma for web and mobile products. - Collaborated with developers and product teams to translate requirements into intuitive interfaces.	

PROFESSIONAL MEMBERSHIPS

Institute of Electrical and Electronics Engineers (IEEE)

Member since Dec 2024 | Member No: 100620093 | Status: Active

- IEEE Computer Society – Active Member
- IEEE Industry Applications Society (IAS) – Active Member
- IEEE SIGHT – Active Member

VOLUNTEERING & LEADERSHIP

Program Team Member – Lead Spring 2025 IEEE IAS and IEEE PES Student Branch – SLIIT

Supported investor research, agenda planning, and podcast session coordination for a leadership and entrepreneurship initiative.

Editorial Team Member – Embed X 2025 IEEE IAS and IEEE PES Student Branch – SLIIT

Designed flyers, member tags, and promotional materials while supporting event branding and communication.

PERSONAL PROJECTS

Portfolio Website

Technologies: TypeScript, React

Developed a personal portfolio website using React and TypeScript.

SaveLKR – Smart Budgeting App

Technologies: HTML, CSS, JavaScript, Firebase, Tesseract.js

Developed a smart budgeting web app that allows users to track daily expenses and scan bills using OCR.

UNIVERSITY PROJECTS

Photography Studio Management System

Technologies: TypeScript, JavaScript, Node.js, MySQL

Developed a full-stack studio booking and management web application.

SaveLKR – Android Application

Technologies: Android Studio, Java, XML

Developed a user-friendly Android application with responsive layouts and smooth navigation.

Fresh Organic – E-commerce Platform for Farmers

Technologies: HTML, CSS, JavaScript, PHP, SQL

Developed a full-stack e-commerce platform to connect local farmers with customers for selling organic produce online.

LearnHub – University Book Exchange and Learning Portal

Technologies: HTML, CSS, Bootstrap, JavaScript, PHP, MongoDB

Developed a full-stack e-commerce platform to connect local farmers with customers for selling organic produce online.

COMPETITIONS & RESEARCH

Innovélec 2025 – Most Innovative Product Competition

IEEE PES Student Chapter – SLIIT

Participated in the Most Innovative Product category with the team-developed SaveLKR budgeting app.

Electroverse 2025 – IoT Hands-on Group Competition

IEEE Power & Energy Society – SLIIT

Participated in a group-based IoT hands-on competition using MagicBit kits.

3 MRC – Research Communication Skills

IEEE Student Branch of Curtin University

Presented ongoing research on an AI-based model to predict public transport overcrowding.

REFERENCE

Dr Gayana Fernando

Head- School of Information Technology
SCU

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