SUPUN PRABODHA LIYANAGE

Aspiring Software Engineer | Full-Stack Developer

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SUMMARY

I am an undergraduate pursuing a BSc (Hons) in Information Technology, specializing in Software Engineering at Sri Lanka Institute of Information Technology (SLIIT), Malabe, with a current GPA of 3.35. Passionate about Full-Stack development, Mobile app development, AI, and emerging technologies, I am a quick learner who thrives in collaborative projects. Eager to contribute to innovative solutions, I actively seek opportunities to connect and grow in the tech industry.

EDUCATION

Sri Lanka Institute of Information Technology, Malabe, Sri Lanka   **2023 June - Present**
- BSc (Hons) in Information Technology, specializing in Software Engineering
  GPA: 3.35 (first three semesters); Expected Graduation: June 2027
  Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Management, Mobile App Development

Richmond College, Galle, Sri Lanka   **2010 - 2020**
- GCE Advanced Level Examinations (GCE A/L - 2022)
  3C s in Physical Science Stream (Combined Mathematics, Physics, Chemistry)
- GCE Ordinary Level Examinations (GCE O/L - 2018)
  9A s including (Information Technology, Second Language Tamil, Arts)

Siridhamma College, Galle, Sri Lanka   **2008 - 2010**
- Grade 1 – Grade 3

SKILLS

Technical Skills

Programming Languages: Python, C, Kotlin, PHP, Java, C++, JavaScript, R
Web Development: React, Express.js, HTML, XML., Node.js, MongoDB, CSS, Tailwind CSS
Mobile Development: Android Studio, Kotlin
Databases: MySQL, Firebase, MongoDB
Tools and Platforms: Eclipse, VS Code, GitHub, Postman, IntelliJ, Visual Studio., Figma, Git, AWS
Other Skills: Data Structures, Algorithms, Agile, OOP, RESTful APIs

Soft Skills:

Communication, Teamwork, Problem Solving, Adaptability, Time Management, Leadership, Work Ethic, Attention to Detail

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PROJECTS

FitFlow.lk – Gym Management System   **March 2025 – May 2025**
Full-Stack Developer
Developed a MERN stack platform with AI-driven workout plans, processing user sessions. Built RESTful APIs with JWT authentication and responsive UI using Tailwind CSS. Improved API response time by 20% through optimization.
• Tech: React, Node.js, MongoDB, Tailwind CSS, JWT, Postman.
• Skills: Full-stack development, REST API design, UI/UX.

WealthWave – Personal Finance Tracker Mobile App   **May 2024 –May 2025**
Mobile App Developer
Built a Kotlin-based app in Android Studio for transaction management and budget alerts, tested with 15+ scenarios. Implemented SharedPreferences for data persistence. Added push notifications for real-time updates.
• Tech: Kotlin, XML, Android Studio, SharedPreferences.
• Skills: Mobile app development, UI/UX, data persistence

SFitMarket – Fitness Shopping Mobile App UI   **March 2025 -March 2025**
UI/UX Designer
Designed a mobile app UI in Figma for fitness enthusiasts to browse supplements and apparel. Prototyped responsive user flows for seamless shopping, validated with 10+ test cases.
• Tech: Figma.
• Skills: UI/UX design, user research, prototyping.

SeatReserve | Online Bus Ticket Reservation System   **August 2024 – October 2024**
Full-Stack Developer

Built a web-based platform using Java and MySQL for seat booking and payments. Developed servlets and Java Server Pages (JSPs) on Apache Tomcat with responsive UI, validated for 10+ use cases.
• Tech: Java, HTML, CSS, JavaScript, MySQL, Apache Tomcat.
• Skills: Object-Oriented Programming (OOP), full-stack development, database management.

VOTE SPHERE – Online Voting System for Reality Shows   **February 2024 – May 2024**
Full-Stack Developer
Developed a PHP and MySQL-based voting platform for reality shows, with responsive UI and CRUDenabled admin dashboard. Handled 200+ concurrent votes in testing. Demoed to 30+ peers.
• Tech: HTML, CSS, JavaScript, PHP, MySQL, XAMPP.
• Skills: Full-stack development, UI/UX, database management.

CERTIFICATIONS

• Build a free website with WordPress – Coursera Project Network
• AWS S3 Basics – Coursera Project Network
• Natural Language Processing in Microsoft Azure – Microsoft
• Computer Vision in Microsoft Azure – Microsoft
• Microsoft Azure Machine Learning – Microsoft
• Preparing for AI-900: Microsoft Azure Fundamentals exam – Microsoft
• Artificial Intelligence on Microsoft Azure - Microsoft
• Cambridge Young Learners English (Starters) – University of Cambridge
• Cambridge Young Learners English (Movers) – University of Cambridge
• Cambridge Young Learners English (Flyers) – University of Cambridge
• Information technology (Tier1 – Tier 6) – Gateway College School of Computing

EXTRA-CURRICULAR ACTIVITES

Sri Lanka Scout Association   **2013 - Present**
-    President Scout, Rover Scout, former Patrol Leader, former Treasurer
of 2nd Galle Richmond Scout Troop
Former Prefect of Richmond College Prefects Body   **2015 - 2018**
Member of United Nations Club of Richmond College   **2016 - 2018**
Member of Richmond College Swimming Club   **2014 - 2016**
Member of Richmond College Cricket Academy   **2012 - 2014**
Member of Richmond College Science Society   **2019 - 2022**