

Hasini Isurindi

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B.Sc. (Hons.) in Software Engineering Undergraduate, NSBM Green University,

Homagama, Sri Lanka



Summary

Motivated Software Engineering undergraduate with a strong foundation in Software Development, Full-Stack Web Development, and User Experience Design. Demonstrated leadership and collaboration through active involvement in IEEE Women in Engineering (WIE) initiatives, university events, and academic projects, while maintaining a GPA of 3.63. Skilled in critical thinking, problem-solving, communication, and teamwork, with a passion for developing innovative and impactful software solutions. Currently seeking internship opportunities to apply and expand technical expertise in a professional environment.

Education

NSBM Green University, Homagama, Sri Lanka

2023 - Present

B.Sc. (Hons) in Software Engineering

- Current GPA : 3.63/4.00

St. Thomas Girls' High School, Matara, Sri Lanka

2011 - 2019

G.C.E. Advanced Level

- 2C s, 1S
- Biological Science

Projects

SkillCoachR: AI-driven learning companion

Mobile Application Development - Group Project

Tools: Dart, Flutter, Firebase, Groq API



- Designed and structured the full system architecture, including application flow, database design, API communication, authentication flow, and integration between frontend, backend, AI services, and cloud infrastructure.
- Built and integrated AI-powered features such as personalized learning roadmaps and skill gap analysis, along with scalable backend services, secure authentication, and a modern Neo-Brutalist UI/UX across the cross-platform application.
- Contributing to improving the overall UI consistency and user experience flow across the progress tracking module for a smoother and more intuitive interaction.

AI Resume Analyzer

Personal Project, June 2026

Tools: Next.js, React, TypeScript, Tailwind CSS, Groq API, Mammoth.js, FileReader API



- Built an AI-powered Resume Analyzer using Next.js 15, TypeScript, and Tailwind CSS, integrating Groq API to generate structured feedback across impact, clarity, skills, formatting, and ATS compatibility.
- Implemented client-side resume parsing (PDF, DOCX, TXT) using Mammoth.js, and FileReader API, ensuring full privacy by keeping files on the browser without backend storage.

Mama Bloom

Personal Project, Ongoing

Tools: TypeScript, React Native (Expo), Context API, Node.js, Express.js



- A cross-platform pregnancy care app using React Native (Expo) and TypeScript with a modular, scalable architecture. Implemented role-based onboarding (patient/doctor), dynamic theming, and navigation using React Navigation (tabs + stack). Built core features including pregnancy tracking calendar, baby development module, risk assessment system, diary notes, and medical articles. Designed a doctor dashboard for patient management with risk insights and detailed profiles. Used Context API and AsyncStorage for state management with a backend-ready Node.js/Express structure.

CarX Auction Platform

Group Project, 2025

Tools: ASP.NET Core Web API, SQLite, RESTful APIs, HTML, CSS, JavaScript



- o Built a backend-driven car auction system with clean API architecture, role-based authentication, modular services, and full auction lifecycle (creation, approval, live bidding).
- o Developed RESTful APIs for auctions and bidding with real-time bid tracking using EF Core and SQLite for centralized data management.
- o Managed EF Core DbContext for core entities and implemented DataInitializer and Seller ViewModel to support structured data seeding and clean frontend integration.

My Study Mate LMS

WordPress Project, Dec 2025

Tools: WordPress, Elementor, Kadence Child Theme, Tutor LMS, PHP (Code Snippets), Bunny.net Streams, Hostinger hosting, domains.lk domain management.



- o Developed and configured an LMS-based learning platform for A/L Physics, including course structure, video lectures, paper classes, and model paper discussions with a fully responsive UI and student dashboard.
- o Integrated multiple plugins for LMS functionality, optimized video streaming via Bunny.net, and deployed a live production system while managing performance and plugin compatibility.

Wedding Invitation

Client Project, June 2026

Tools: Next.js, React, TypeScript, Tailwind CSS, Google Maps API (embed), HTML5 Audio, Vercel



- o Developed a fully responsive, animated digital invitation microsite using Next.js with TypeScript and App Router architecture. Implemented cinematic UI/UX with Framer Motion animations including loading screen, hero effects, countdown timer, floating elements, and interactive event sections. Integrated Formspree for RSVP form handling, Google Maps for location embedding, and ambient background music with controlled autoplay behavior. Deployed the application using Vercel with automated CI/CD via GitHub.

Grifindo Lanka Toys: Leave Management System

Personal Project, 2025

Tools: C#, .NET Framework (WinForms), MySQL



- o Developed a complete desktop-based Leave Management System independently, implementing employee/admin modules, authentication, leave application processing, approval workflow, CRUD operations, reporting, and database design for centralized leave tracking and management.

Espace

Personal Project, 2024

Tools: C#, .NET, MySQL



- o Designed and implemented a layered architecture with Windows Forms UI, focusing on modular design, validation, and structured workflow management for astronaut registration and settlement processes.

Skills

Languages: English (Fluent), Sinhala (Native)

Programming: Python, C++, C#, C, SQL, Java, JavaScript, TypeScript, HTML, CSS, PHP, Dart

Frontend & Mobile: React.js, Next.js, React Native, Flutter

Backend: Node.js, Express.js, ASP.NET Core

Databases: MySQL, SQLite, Firebase

Cloud & DevOps: Vercel, Google Cloud Platform

CMS & Platforms: WordPress

Version Control: Git, GitHub

Soft Skills: Teamwork, Problem-Solving, Leadership, Time Management, Communication, Critical Thinking

Competitions & Achievements

1st Runners Up: Ideathon 1.0

Sep 2025

Computate Association NSBM - Team: MindHug

- o Achieved 1st Runners Up at IDEATHON 1.0 for the idea of developing "MindHug," an AI-driven bilingual mental health support platform combining psychological care with software engineering solutions.

Participant: GreenXtreme 2025

Sep 2025

IEEE Student Branch of NSBM Green University

- o Participated in GreenXtreme 2025 programming competition organized by IEEE Student Branch NSBM, gaining experience in teamwork, problem-solving, and competitive coding.

Participant: Dynalab

Mathematics and Statistics Circle - NSBM Green University

- o Participated in Dynalab: The MATLAB Workshop (Fundamentals & Advanced) by NSBM Mathematics and Statistics Circle, gaining hands-on experience in MATLAB programming, data visualization, and computational problem-solving.

Volunteering

- o **Assistant Treasurer, IEEE Women in Engineering Student Branch Affinity Group of NSBM 2026**, NSBM Green University [\[in\]](#)
Assisted in managing the society's finances and budget. Supported financial planning and event-related expenses.
- o **Executive Board Member, Association of Software Engineering 2026**, NSBM Green University [\[in\]](#)
Contributed to planning and organizing academic and student engagement activities while worked with the team to achieve organizational goals.
- o **Executive Board Member, STEMUp Club in NSBM 2026**, NSBM Green University [\[in\]](#)
Supported the organization of STEM-focused events and student engagement activities.
- o **Organizing Committee Member, Green Fiesta 2026**, NSBM Green University [\[in\]](#)
Managed backstage coordination and ticketing for Green Fiesta 2026, proudly contributing to the successful delivery of the university's largest musical event.
- o **Compere, UXVerse 2026**, IEEE WIE Affinity Group of NSBM Green University [\[in\]](#)
Hosted the event and guided the audience throughout the program. Ensured smooth transitions between sessions and activities.
- o **Organizing Committee Member, Why SE 2026**, Association of Software Engineering, NSBM Green University [\[in\]](#)
- o **Organizing Committee Member, Technovac 2026**, IEEE Student Branch of NSBM Green University [\[in\]](#)
- o **Organizing Committee Member, IGNITE 2026**, STEMUp Club of NSBM Green University [\[in\]](#)
- o **Community Member, Mathematics and Statistics Circle 2025**, NSBM Green University [\[in\]](#)
- o **Organizing Committee Member, E-minds 2024**, NSBM Green University
- o **Community Member, Buddhist Society 2024**, NSBM Green University

Certifications & Online Courses**Kaggle Certifications:**

- o Machine Learning Explainability [🔗](#)

KodeKloud Certifications:

- o AI Powered DevOps [🔗](#)
- o JSON Path Test [🔗](#)





UniAthena Certifications:

- o Basics of Artificial Intelligence [🔗](#)

Coursera Certifications:

- o First Python Program From UST [🔗](#)

Microsoft Badges:

- o Describe cloud computing 
- o Describe the benefits of using cloud services 
- o Describe cost management in Azure 
- o Describe features and tools in Azure for governance and compliance 

English Diploma Certificate:

- o British Way English Academy [🔗](#)

REFERENCES

1. **Dr. Pabudi Abeyrathne**
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NSBM Green University
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