SAHANYA YAMINI KANDANAARACHCHI

Undergraduate in Software Engineering

CONTACT

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TECHNICAL SKILLS

Programming Languages:

Java, C#, C, PHP, JavaScript, HTML, CSS

Frameworks & Tools:

XAMPP, PhpMyAdmin, Intelij, VS Code, Visual Studio, Android Studio, Arduino IDE, NetBeans, Git, GitHub, Canva

Databases:

MySQL, Oracle SQL, MongoDB

Microsoft Tools:

Excel, Word, PowerPoint

Other:

Web Hosting, GUI Design

SOFT SKILLS

Problem-Solving

Teamwork and Collaboration

Time Management

Communication

Event Organization

Sportsmanship

PROFILE

Second-year Software Engineering undergraduate at NIBM with a solid foundation in Java, SQL, C#, PHP, and web development. Committed to building efficient, user-centered software solutions while strengthening expertise in database systems and full-stack development. Driven by curiosity, teamwork, and the ambition to grow into a professional software engineer.

EDUCATION

Higher National Diploma in Software Engineering
NIBM (2024 – Present)

Advance Certificate in Digital Marketing & Brand Management
NIBM (2025 - Present)

Diploma in Software Engineering - GPA 3.84
NIBM (2023 – 2024)

GCE ADVANCED LEVEL EXAMINATION - Maths Stream
Co/Gothami Balika Vidyalaya (2022)

GCE ODINARY LEVEL EXAMINATION
Co/Gothami Balika Vidyalaya (2019) - 5As, 2Bs, 2Cs

Certificate in Business Web Development
Ape Panthiya ICT Education System (2023)

Certificate in MERN Stack
SKYREK Academy (2025 – Present)

CERTIFICATIONS

Linux Crash Course with Labs   KodeKloud (Sep 2025)

Basic of Oracle SQL Course   Udaemy (Sep 2025)

Web Design for Beginners   Faculty of IT, University of Moratuwa (Aug 2025)

CSS (Basic) Certificate   HackerRank (Jun 2025)

SQL (Basic) Certificate   HackerRank (Jun 2025)

General English   British Council (Nov 2023)

Practical Spoken English   Lanka Educational Information Service (May 2020)

General Information Technology (GIT)   Association of Computer & Information Technologists of Lanka (Sep 2020)

Personal Computer Based Application   Vocational Training Authority of Sri Lanka (Apr 2019)

PROJECTS

Timber Store Management System   Nov 2024 – Jan 2025

- Developed a management system for New Sedawatta Timber Stores (Pvt) Ltd.
- Automated manual processes: inventory, orders, suppliers, deliveries, financial processing, and reporting.
- Tech: PHP, MySQL, HTML, CSS, XAMPP, PhpMyAdmin, Canva.

Book Inventory & Sales Transaction System

- Java desktop application to manage book inventory and sales transactions.
- Implemented reporting with JasperReports, secure login, and GUI design.
- Tech: Java Swing, JDBC, MySQL, NetBeans.

Hotel Management System – Plaza Athenee Hotel

- Web-based hotel system to manage room bookings, billing, check-ins/check-outs, and reporting.
- Implemented role-based access for admins, managers, and receptionists.
- Tech: PHP, JavaScript, HTML, CSS, MySQL.

Independent Sports Club Website   March 2023 – May 2023

- Designed and hosted a responsive website using HTML, CSS, and JavaScript.
- Customized layout, branding, and hosted with cPanel for one year.
- Tech: HTML, CSS, JavaScript, Web Hosting.

Automated Response App

- Built an Android application in Java with Firebase integration.
- Connected with IoT devices to display and manage real-time sensor data via a dashboard.
- Control motors through mobile app
- Tech: Java, Firebase, IoT, Android Studio.

Tuition Application (TutionApp)

- Android app with admin, teacher and student dashboards for class scheduling, user login, QR code base attendance management and academic management.
- Tech: Java, Firebase, Gradle, Android Studio

UrbanFood

- E-commerce and food delivery management systemwith integrated MongoDB backend for customer reviews and Oracle Database to store other data. Includes order processing, sales reporting, and restaurant management.

LANGUAGES

- English
- Sinhala

REFERENCE

Ms. Chandula Rajapaksa
Consultant / Lecturer – NIBM
Phone: +94 70 283 6390
Email: chandula@nibm.lk

MEMBERSHIPS & ACTIVITIES

- IEEE – Member (Jan 2025 – Present)
- Independent Sports Club - Member (2020 - Present)
- Leadership Project: 'How to Get Ready for Exams & Road to Future with ICT' – Conducted for Grade 10 students