

# NETHMIN KAVINDU GIMHAN SENADHIRATHNA

Mobile App Developer • Full-Stack Web Developer • DevOps and ML Enthusiast

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MY Portfolio

in nethmin-kavindu

nkgs

Elpitiya, Galle, Sri Lanka

## EDUCATION

Bachelor of Information and Communication Technology (Honours)

**University of Colombo | 2023 - Present**

GPA - 3.2/4.0

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Software Engineering, Web Development, Mobile Application Development

G.C.E Advanced Level Examination

**Richmond College, Galle | 2020 - 2022**

Results - 3 A Passes

Z-Score - 2.6543

## FEATURED PROJECTS

**Agricultural Information Platform with Crop Calendar**

**Full Stack Developer | University Group Project**

- Full-stack agricultural management system with crop scheduling, AI-powered chatbot, machine-learning disease detection from plant images, and dynamic crop calendar with region-specific planting schedules.
- Technologies - React.js, Laravel (PHP), MySQL, Laravel Sanctum, AI/ML Integration

**i-com - Premium E-Commerce Platform**

**Full Stack Developer | Personal Project**

- MERN-based e-commerce platform with JWT authentication, admin dashboard for inventory management, advanced search and filtering, and flexible checkout system.
- Technologies - MongoDB, Express.js, React.js, Node.js, JWT, Supabase, Tailwind CSS, Vite

**EduNews - News & Article Management App**

**Android Developer | University of Colombo | Personal Project**

- Android application for Faculty of Technology to manage academic news with Firebase integration, category-based system, and dual-mode interface for viewing and editing.
- Technologies - Java (Android), Firebase (Authentication, Firestore, Storage), Material Design, Glide

**WhatsApp Status Manager**

**Android Developer | Personal Project**

- Android application enabling users to access, store, and organize WhatsApp statuses with media playback, batch operations, and customizable storage paths.
- Technologies - Kotlin, AndroidX, Glide, ExoPlayer, Jetpack Navigation, Preference Library

## PROFESSIONAL SUMMARY

I am a passionate and versatile technology enthusiast skilled in full-stack development, cloud computing, and mobile application design. With Azure and AWS certifications and banking sector experience, I bring adaptability, teamwork, and strong problem-solving abilities. I am eager to contribute my technical expertise in a dynamic internship environment.

## TECHNICAL SKILLS

### Programming Languages

Java, Python, C, C++, PHP, Dart, Kotlin, Bash, SQL, Arduino

### Frameworks & Libraries

React.js, Node.js, Express.js, Laravel, Flutter, Material UI, Bootstrap, Tailwind CSS

### Databases

MongoDB, MySQL, SQLite, Cloud Firestore

### Cloud & DevOps

AWS (Certified), Microsoft Azure (Certified), Firebase, Supabase, Heroku

### Mobile Development

Android (Java/Kotlin), Flutter (Dart)

### Development Tools

Git, GitHub, VS Code, IntelliJ IDEA, Postman, Android Studio

### Design & Media Tools

Figma, Adobe Photoshop, Adobe Premiere Pro, Adobe Illustrator

### Concepts

Object-Oriented Programming, RESTful APIs, MVC Architecture, Agile/Scrum, JWT Authentication

### Operating Systems

Windows, Linux

## Library Management System

### Backend Developer | University Group Project

- PHP-based library management system with secure authentication, complete CRUD operations, member and book management with validation and search capabilities.
- Technologies - PHP, MySQL, Bootstrap, JavaScript, Session Management

## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900) - Microsoft | Nov 2025 | Credential ID: 31D41AACAA8B74DF
- AWS Academy Graduate - Cloud Foundations - Amazon Web Services (AWS) | Oct 2025
- Programming in Python - Part 2: Python Programming - University of Moratuwa | Aug 2025 | Credential ID: CjVvwVVQwD
- Introduction to Programming Using Python - University of Moratuwa | May 2022 | Credential ID: cnfFfkIEXb

## PROFESSIONAL EXPERIENCE

### Trainee Employee

#### People's Bank, Talgaswela Branch

Jan 2023 - Jul 2023 (7 months) | Full-time | On-site  
Southern Province, Sri Lanka

## EXTRA-CURRICULAR ACTIVITIES

- Junior Treasurer - TECHNO MEDIA, Official Media Club, Faculty of Technology, University of Colombo.  
2025 - 2026 (Present)
- Editor - Vikings Club, University of Colombo.  
2025 - 2026 (Present)

## LANGUAGES

Sinhala

English

## REFERENCES

**Dr. Rohan Samarasinghe**  
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