

KAVEEN NIMSARA

Software Engineer

85, Panwila Henawatta, Kalutara South. | +94 78-522-5064 | kaveennimsara30@gmail.com
| linkedin.com/in/kaveen-nimsara-5a343b2b8 | https://github.com/OKaveenNimsaraO

PROFESSIONAL SUMMARY

Innovative and results-driven Software Engineering graduate with comprehensive experience in full-stack development. Proficient in designing and deploying scalable web applications using React.js, Node.js, Next.js, and Java EE. Demonstrated success in engineering secure, user-centric platforms, including a comprehensive tour booking system and an AI-integrated house price prediction application. Adept at leveraging modern frameworks, MVC architecture, and secure API integrations to deliver robust, high-quality technical solutions.

Technical Skills

Languages: Java, JavaScript, Python, HTML5, CSS3, PHP, C++, C#

Frameworks & Libraries: Next.js, React.js, Node.js, Express.js, Django, SpringBoot

Database & Tools: MongoDB, PostgreSQL, MySQL, Firebase, Git, GitHub, VS Code, IntelliJ IDE, Jupyter Notebook, Google Colab, Android Studio, Visual Studio

Concepts: REST APIs, MVC Architecture, UI/UX Design.

KEY PROJECTS

Indika Tours – Full-Stack Tour Booking Platform 2026

- Developed a scalable full-stack application using Next.js and Node.js, featuring secure user authentication and a responsive Tailwind CSS interface.
- Engineered optimized REST APIs and managed database integration to ensure high-speed data retrieval and seamless booking flows.

2025

Wildlife Safety System – AI-Powered Species Identification | github.com/OKaveenNimsaraO/wildlife_safety_website

- Built a web and mobile safety platform integrating Python and Computer Vision (MobileNet) for real-time species identification to mitigate human-wildlife conflict.
- Collaborated on system architecture to successfully deploy complex AI models within a user-friendly web environment.

Cab Booking System – Java EE Web Application | github.com/OKaveenNimsaraO/CabBooking 2025

- Architected a robust cab booking platform using Java EE (JSP, Servlets) and MySQL, implementing the MVC design pattern to ensure code scalability and maintainability.
- Developed comprehensive admin and user modules, featuring dynamic reporting, driver/vehicle management, and secure payment processing flows.
- Implemented DAO (Data Access Object) patterns for efficient database interactions and managed complex SQL relationships for booking and coupon systems.

Other Projects: AI-Powered House Price Prediction (React, Python), Gallery Cafe Site (PHP), Eventora Website (PHP).

EDUCATION

BSc (Hons) Software Engineering

Cardiff Metropolitan University

2024 Nov - 2025 Nov

Higher Diploma in Computing and Software Engineering

Cardiff Metropolitan University

2023 Mar - 2024 Sep

Certifications & Achievements

AI/ML Engineer - Stage 1, Stage 2

Sri Lanka Institute of Information Technology (SLIIT) | 2025

Python for Beginners

University of Moratuwa | 2025

Reference

Ishani Gallage

Advanced Level School Teacher, Piliyandala Central College

Phone: +94 71 070 4606

Email: ishanigallage@gmail.com

K.S. Anuradha

Management Assistant, Election Office - Galle

Phone: +94 77 133 7402

Email: anuradhashiwanthi@gmail.com