

Nethna Oshad

✉ nethna2001oshad@gmail.com ☎ +94 71 707 7970 🔗 Nethna-oshad in nethna-oshad 🌐 Nethna-Oshad

Personal Summary

Committed IT undergraduate with a strong interest in designing and developing high-performing, adaptable systems. Skilled in web application development, with a focus on modern frameworks and building robust, scalable solutions. Proficient in optimizing code, automating tasks, and enhancing user experiences. Able to work well under pressure and collaborate effectively in team environments. Quick to learn and eager to apply technical skills to real-world projects. Passionate about continuous learning and contributing to innovative development environments.

Education

Sri Lanka Institute of Information Technology (SLIIT)
B.Sc (Hons) in Information Technology

May 2023 – Jun 2027

General Certificate of Education (Advanced Level)
Physical Science Stream

Passed

Certifications

AI/ML Engineer - Stage 1

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- Acquired foundational knowledge in artificial intelligence and machine learning, covering model training, data preprocessing, and foundational concepts.

Python for Beginners (Verification Code: eTxIULp0W8)

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- Mastered core Python programming concepts, including data structures, file handling, and scripting for automation.

React Essential Training

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- Developed proficiency in building interactive and scalable web applications using React, with a focus on component-based architecture.

Projects

Recycling Locator and Education Platform

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- Engineered a full-stack MERN application to empower users with tools for locating nearby recycling centers and access educational resources on sustainable practices.
- Implemented responsive UI with React and secure backend APIs with Node.js and Express.js, integrated with MongoDB for efficient data management.
- Tools Used: React, Node.js, Express.js, MongoDB

Bank Management System - User Management

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- Developed a robust PHP-based system for managing user accounts in a banking application, ensuring secure authentication and data integrity.
- Designed a user-friendly interface with HTML and CSS, integrated with MySQL for efficient data storage and retrieval.
- Tools Used: PHP, MySQL, HTML, CSS

Finance Tracker App

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- Created a mobile application to help users track expenses, set budgets, and visualize financial data with intuitive dashboards.
- Developed the app using Android Studio and Kotlin, ensuring smooth performance and a user-friendly experience for Android devices.
- Tools Used: Kotlin, Android Studio

Technologies

Languages: C++, C, Java, SQL, JavaScript, Python, PHP, Kotlin, HTML, CSS

Libraries and Frameworks: React, Node.js, Express.js, Tailwind CSS

Tools: Git, GitHub, Android Studio, Figma, Postman

References

Dishan Shirantha

Assistant Director ICT, Department of IT Management, Ministry of Finance

Email: dishanshirantha@gmail.com | shirantha.ed@itmd.treasury.gov.lk

Mobile: +94 718 031 678

T.D.D. Sriyantha

Software Engineer at People Solutions Development Ltd, Student Tutor at SLIIT City Uni

Email: dilans091@gmail.com

Mobile: +94 764 886 903