



Navindu Kavishka Ramanayaka

Intern Software Engineer

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🌐 Navindu Ramanayaka 🔄 NavinduR2001 🔗 Personal Portfolio

Profile

Motivated and detail-oriented Intern Software Engineer with strong technical knowledge and a proven capacity for hard work, time management and problem-solving. Highly adaptable and eager to take on challenges, with the ability to learn quickly and contribute effectively in team environments. Passionate about software development and committed to delivering quality solutions while continuously enhancing skills. Enthusiastic about growing within the role and making a meaningful impact in every project undertaken.

Professional Experience

People's Bank
Internship

2022 – 2023 | Weeraketiya, Sri Lanka

Education

BSc. (Hons) in Computing & Information Systems
Sabaragamuwa university of Sri Lanka
Current GPA 3.38

2023 – Present

General Certificate of Education Advanced Level
H/Rajapaksa Central College
Physical Science Stream - B B C

2021

Projects

Smart Takeaway Ordering and Management System 🔗

Individual project

A full-stack web application that enables customers to place takeaway orders smoothly, while providing restaurant administrators to manage menus, orders and sales analytics.

- React.js, Node.js, Express.js, MongoDB, Chart.js

Vehicle Valuation and Analytics Management System 🔗

Present

Group Project

Developed a web-based system for Rawan Auto Care, Balangoda to streamline daily operations, track performance, provide automated financial management and generate final valuation reports for clients.

- **Lead the team and project development for the Rawan Auto Care. Managed client communication, GitHub repository and contributed to UI/UX and frontend. Currently working on admin dashboard backend.**

- React.js, Node.js, Express.js, MongoDB, Material UI, Chart.js

Wawewords | Hand sign recognize video call app 🔗

Group project

Built a real-time video calling app integrated with AI-based hand sign recognition to assist people with hearing and speech impairments.

- **Lead full project development from design to deployment. Developed mobile frontend and backend, integrating WebRTC and Firebase for real-time video calls and AI model implementation.**

- React Native, Firebase, WebRTC, Python, OpenCV, TensorFlow, MediaPipe

AI-Powered University Event Management System 🔗

Present

Group Project

Developed a centralized platform for university societies to manage and promote events efficiently, integrating AI for automatic caption generation and flyer creation.

- **Designed UI/UX and implemented frontend features using React.js. Currently working on backend development and AI integration for automated event promotion tools.**

- React.js, Spring Boot, Python, TensorFlow, MySQL, Firebase Storage

Art center management System

Group Project

Developed a university web system for managing bookings, instrument reservations and event scheduling with performance analytics dashboards.

- **Designed UI/UX and developed frontend for booking and event management modules with analytics dashboards.**

- *Laravel(PHP), HTML, CSS, JavaScript, MySQL, Chart.js*

Technical Skills

Programming Languages : HTML, CSS, JavaScript, PHP, Java, Python

Frameworks & Libraries : React.js, Express.js, Laravel, Spring Boot, React Native, Material UI, Chart.js


Databases : MySQL, MongoDB, Firebase

Technologies & Tools : Git, GitHub, Node.js, Tailwind CSS, Postman, Figma, Adobe Photoshop

Soft Skills

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|----------------------|--------------------------|---------------------|
| - Teamworking Skills | - Communication Skills | - Leadership Skills |
| - Time Management | - Problem Solving Skills | - Self Learning |

Certificates

Frontend Web Development (Udemy)  2025

Java Programming (Great Learning)  2024

Achievements

Volunteer of the year 2024 – 2025
Society of Computer Sciences – Sabaragamuwa University of Sri Lanka

Top 10 Finalists at COMFIX 2025 – Communication Ideathon 2025
Organized by IEEE Student Branch at University of Moratuwa

Semi-Finalist at PixelWave Digital Art Competition 2025
Organized by IEEE CS Student Branch Chapter of KDU

Extra Curricular Activities

Tennis Player 2024 – Present
Sabaragamuwa university Tennis Team

Design Team Lead, Techtalk v1.0 2025
Organized by Society of Computer Sciences – SUSL

Editor, Filter of Hopes - Phase 5 2025
Organized by IEEE Sight Sri Lanka Section

Graphic Designer, PearlHack 3.0 2024 – 2025
Organized by WIE Student Branch – SUSL

Active Member 2024 – Present
IEEE Student Branch – SUSL

Active Member 2024 – Present
Society of Computer Sciences – SUSL

References

Mrs. RMKK Wijerathna, Lecturer (Probationary),
Department of Computing & Information Systems, Faculty of Computing, Sabaragamuwa University of Sri Lanka
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