MANEKA PIYUMAWALI
Software Engineer Intern

in Maneka Piyumawali   Manekapiyu   📞 +94 76 785 9511

📍 Minuwangoda ,Sri Lanka   ✉ manekapiyumawali2099@gmail.com   👤 My Portfolio

PROFILE

Undergraduate in Computing and Information Systems at Sabaragamuwa University of Sri Lanka, specializing in Full-Stack Web Development. Proficient in Java, JavaScript, React, Node.js, Tailwind CSS, and MongoDB, with hands-on experience designing and developing scalable, responsive, and user-centric web applications. Passionate about applying innovative technologies to solve real-world challenges, while continuously enhancing technical, analytical, and problem-solving skills. Strong team player with a focus on clean code, usability, and performance optimization.

EDUCATION

BSc (Hons) in Computing and Information Systems   2023-Present
Sabaragamuwa University of Sri Lanka,   3rd Year

G.C.E. Advanced Level Examination - Physical Science Stream   2021
Veyangoda Bandaranayake Central Collage , Veyangoda.

EXPERIENCE

School Leaver Trainee   2022 - 2023
Regional Development Bank – Minuwangoda Branch

Gained hands-on experience in loan processing, rescheduling, and fixed deposit management at Regional Development Bank. Strengthened communication and problem-solving skills while maintaining accurate customer data in digital systems

PROJECTS

Smart Home Electricity Bill Tracker with AI Insights (Group) ⓞ   2025
Develop a web-based application,VoltBuddy (Ceylon Power Tracker), that helps homeowners in Sri Lanka efficiently manage their electricity bills, track consumption patterns, and receive AI- driven insights to reduce electricity costs
Tech Stack: ReactJS, Next.js, Node.js, MongoDB

Full Stack Task Management System(Individual) ⓞ   2025-Present
Developing a complete task management system with separate Admin and Employee roles to streamline task assignment, tracking, and collaboration. Enabled efficient workflow through features like commenting, progress updates, and role-based access.
Tech Stack: Angular, Spring Boot, MySQL

AI Voice Agent for Interview (Individual) ⓞ   2025-Present
Implemented and deployed an AI-powered recruiter voice agent capable of creating and conducting job interviews with real-time voice interaction, automated question generation, and feedback analysis to streamline recruitment processes.
Tech Stack: ReactJS, Next.js, Vapi, Supabase

MERN Stack Authentication System (Individual) 2025

Developed a full-featured authentication system with email verification and OTP-based password reset using the MERN stack, enhancing user security and reducing unauthorized access incidents by improving account recovery reliability.

Tech Stack: ReactJS, Tailwind CSS, Node.js, MongoDB, JWT

Full Stack Food Delivery Website 2024

Delivered user authentication, shopping cart, and secure Stripe payments. Developed an admin panel to manage menu items, track orders, and update statuses in real-time. Enhanced UX with dynamic updates and responsive design while ensuring smooth, secure operations for users and admins.

Tech Stack: ReactJS, Next.js, Express, Node.js, MongoDB, Stripe

TECHNICAL SKILLS

- **Programming languages:** Java, JavaScript, TypeScript, HTML, CSS, C#
- **Frameworks and Libraries:** ReactJS, Angular, Next.js, Node.js, Express.js, Spring Boot, Tailwind CSS, Supabase
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Technologies and Tools:** Visual Studio Code, IntelliJ IDEA, Git, GitHub, Postman, XAMP, Figma

SOFT SKILLS

- Team work
- Self Learning
- Project Management
- Adaptability
- Communication Skills
- Problem Solving
- Time Management
- Presenting

CERTIFICATIONS

- DITEC Diploma in Information Technology- ESOFT Metro Campus, Negombo (2021 - 2022)
- Diploma in English Language & Literature - AQUINAS Collage of Higher Studies (2020 - 2022)
- Participant, PixelWave Inter-University Digital Art Competition 2025 – General Sir John Kotelawala Defence University
- Python Beginners-University of Moratuwa
- Web Design for Beginners -University of Moratuwa
- IT Essentials Course - Cisco Networking Academy

VOLUNTERING EXPERIENCE

- Program Team member - PearlHack 3.0, Sabaragamuwa University of Sri Lanka
- Knowledge Team member - Hope 2.0, IEEE WIE Student Branch Affinity Group, Sabaragamuwa University of Sri Lanka
- Volunteer - TECHTALK v1.0 - Society of Computer Sciences, Sabaragamuwa University of Sri Lanka

REFERENCES

Prof. BTGS Kumara,
Professor in Computer Science,
Faculty of Computing,
Sabaragamuwa University of Sri Lanka.

Phone: +94 71 443 1193

Email : kumara@foc.sab.ac.lk

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

Phone: +94 72 092 8486

Email : adeesa@foc.sab.ac.lk