



MANEKA PIYUMAWALI

Software Engineer Intern

Maneka Piyumawali	Manekapiyu	+94 76 785 9511
Minuwangoda ,Sri Lanka	manekapiyumawali299@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, 3 rd 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	
Contribution: Developed the Design user interfaces using Figma and the front-end and backend development of the project.	
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

Implemented a complete authentication system with secure user login, email verification, and OTP-based password recovery, improving overall account security and delivering a smooth, reliable user access experience.

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, Python
- **Frameworks and Libraries:** ReactJS, Angular, Next.js, Node.js, Express.js, Spring Boot, Tailwind CSS, Supabase
- **Databases:** MySQL, MongoDB
- **Technologies and Tools:** Visual Studio Code, IntelliJ IDEA, Git, GitHub, Postman, XAMP, Figma

SOFT SKILLS

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

CERTIFICATIONS

- DITEC Diploma in Information Technology- ESOF 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
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