

# Mohamed Yoosuf Aathil

yoosufaath007@gmail.com • +94779414266 • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

## SUMMARY

---

Proactive BSc (Hons) Computing and Information Systems undergraduate. Proficient in problem-solving, multitasking, and versatile with diverse tech stacks. Enthusiasm for learning drives my commitment to success. Ideal candidate for a software engineering, dedicated to contributing to your organization's growth.

## EDUCATION

---

**Sabaragamuwa University of Sri Lanka**

**Sep 2021 - Sep 2025**

*BSc. (Honors) in Computing and Information Systems*

*Relevant course work: Web technologies, Object-oriented programming, Object-oriented analysis and design, System analysis and design, Advanced database systems, Design patterns and Applications*

## PROFESSIONAL EXPERIENCE

---

**Sri Lanka Telecom PLC, Colombo Sri Lanka**

**Aug 2024 - Jan 2025**

*Software Engineer Intern*

- Contributed as a full-stack developer to the design, development, and deployment of a secure smart door access system.
- Developed web and mobile applications using React, Tailwind CSS, Node.js, and MongoDB.
- Worked on requirement gathering, system planning, and ensuring seamless integration and security.
- Gained hands-on experience in a hybrid working environment and professional organizational culture.
- Enhanced technical and problem-solving skills while collaborating with cross-functional teams.
- Successfully deployed and tested the system in a real-world production environment.

## PROJECTS & EXTRACURRICULAR

---

**SecurePass AI - QR and face recognition-based smart door lock system**

**Jan 2025**

- Core Technologies used: Figma, React (Vite), TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, QR Code Scanning, Face Recognition and Docker
- Description: A smart access control system that uses QR code scanning and face recognition for secure door access. Users log in via a mobile-friendly browser application, scan a dynamically generated QR code near the door, and authenticate using face recognition on their smartphone. The system includes an admin panel for user and access management with role-based permissions and multi-tenant support.
- Contribution: I contributed to developing the browser-based mobile application for users and the web application for super admins and admin users with multi-tenant access. I was involved in requirement gathering, planning, and designing the prototype using Figma. I developed both the front-end and back-end, built secure RESTful APIs, and integrated them using middleware for seamless communication.

**Meter Mate - Self Reading System for Electricity Billing (Group)**

**Aug 2024**

- Core Technologies used: Flutter, React, Firebase and Python
- Description: An innovative self-reading system for electricity bills that automates the meter reading and billing process. It allows users to capture meter board photos, automatically read meter readings, and calculate monthly electricity consumption.
- Contribution: I have built a web application using React and Firebase for the admin users to managing overall application functionalities

## Personal Portfolio

July 2024

- Core Technologies used: NextJS, Tailwind CSS and Framer motion
- Description: A dynamic and interactive portfolio website that showcases my skills, projects, certifications, and contact details. Built using Next.js, Tailwind CSS, and Framer Motion, it features a sleek, responsive design with smooth animations, providing an engaging user experience.

## Car Haven – A car show case application

July 2024

- Core Technologies used: NextJS, Tailwind CSS, TypeScript and Car API
- Description: Car Haven is an interactive web application built with Next.js 13 and TypeScript, allowing users to explore and filter a wide variety of cars using real-time data from the RapidAPI Cars API. The project features server-side rendering, responsive design, and SEO optimization, with a focus on performance and user experience.

## SKILLS

---

**Programming languages:** JAVA, JavaScript, Python, C

**Technical Skills:** HTML, CSS, SCSS, Bootstrap, Tailwind CSS, ReactJS, NextJS, NodeJS, ExpressJS, Java – Spring 6 & Spring Boot 3, MySQL, MongoDB, Firebase, Docker

**Computer Software/Tools:** Git, Visual studio, IntelliJ Idea, Android Studio, Adobe Photoshop, Adobe XD, Figma, Zoom, JIRA, Trello, Microsoft Office

**Soft Skills:** Decision Making, Problem Solving, Analytical Thinking, Effective Communication, Team work, Leadership, Time management

**Languages:** English, Tamil, Sinhala

## REFERENCES

---

### **Professor S Vasanthapriyan**

Dean,  
Faculty of Computing,  
Sabaragamuwa University of  
Sri Lanka.

Mobile: +94717851500

Email: [priyan@foc.sab.ac.lk](mailto:priyan@foc.sab.ac.lk)

### **Mrs. S. Adeeba**

Lecturer (Probationary),  
Faculty of Computing,  
Sabaragamuwa University of  
Sri Lanka.

Mobile: +94 72 092 8486

Email: [adeesa@foc.sab.ac.lk](mailto:adeesa@foc.sab.ac.lk)