

Akar Ahamadh

Software Engineering Intern

PROFILE

Dynamic and detail-oriented software engineering student bringing a strong foundation in full-stack development, embedded systems, and scalable software solutions. Passionate about learning new technologies and contributing to innovative projects. Adept at building user-centric applications, optimizing system performance, and ensuring secure data management. Seeking a Software Engineering Intern position to leverage technical skills and academic knowledge while contributing to impactful development initiatives.

KEY PROJECTS

Full-Stack Developer / Welfare Management System (Team Project)

Jun 2023 - Jun 2024, <https://ems.vpa.ac.lk/>

Designed and implemented an automated management system for union hostels and scholarship distribution under guidance of mentors, optimizing operations and reducing administrative overhead.

- Played a pivotal role in developing a secure, scalable solution, ensuring seamless management of sensitive data for thousands of students and administrators.
- Streamlined operations by building user-friendly interfaces and robust backend systems with secure authentication and authorization using Keycloak and JWT.
- **Technology used: React, Material-UI, Node.js, PostgreSQL, Keycloak, JWT**

Full-Stack Developer / PharmaConnect [github/PharmaConnect](https://github.com/PharmaConnect)

Jul 2024- Present

Developed a comprehensive platform to enhance operational efficiency and patient care in medium-sized pharmacies with clinics or dispensaries.

- Streamlined prescription management and reduced errors with e-prescriptions.
- Enabled appointment booking, reminders, and patient record tracking.
- Delivered a secure, responsive platform with dynamic data handling.
- **Technology using: React, Node.js, MySQL, Express.js, JWT**

Front-End Developer / MovieCatch [github/MovieCatch](https://github.com/MovieCatch)

Nov 2024

Built a mobile-first application to enhance movie discovery, enabling users to explore, bookmark, and share movies seamlessly.


- Integrated real-time search, custom watchlists, and social sharing.
- Implemented Firebase authentication for secure access.
- Delivered a cross-platform, responsive app with an engaging UI.
- **Technology using: React Native, Firebase, Node.js , React native paper**

Full-Stack Developer / Portfolio Website [akar-ahamedh](https://akar-ahamedh.github.io)

Dec 2024


Crafted and developed a comprehensive personal portfolio to highlight professional projects, technical skills, and expertise in modern web development.


- Built a responsive, visually appealing interface for seamless navigation.
- Integrated dynamic project sections and contact forms for enhanced interactivity.
- Deployed for optimized performance and accessibility across devices.
- **Technology using: Next.js, React, Tailwind CSS, Vercel**


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Technical Skills

Java JavaScript C HTML
CSS TypeScript React JS
React Router Bootstrap MUI
Tailwind CSS Framer NextJs
MySQL PostgreSQL MSSQL
MongoDB Firebase GitHub
Keycloak RabbitMQ Docker
Jira Postman Git Redux

EDUCATION

University of Moratuwa 2022 - present

BSc. (Hons) in Information Technology and Management, **CGPA 3.66**

President Science College 2017 - 2020

GCE Advanced Level
Z-Score 1.0509

REFERENCES

Mrs. M. B. Mufitha
MPhil/UM, Malaysia, BBA/Colombo, SL,
Dip: in counselling/ SJP, SL
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