



CONTACT



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Puttalam, Sri Lanka



TECHNICAL SKILLS

Programming Languages

- Java
- C

Web Development

- HTML
- CSS
- JavaScript
- ReactJS
- NodeJS
- Bootstrap
- Material UI
- Tailwind CSS
- Framer
- Express js
- Three.js
- Keycloak
- React Router

AKAR AHAMADH

IT Undergraduate

PROFILE

IT undergraduate and aspiring Full-Stack Developer with a B.Sc. in Information Technology & Management seeking a software engineering internship to apply technical acumen and problem-solving skills in a collaborative environment.

Education

University of Moratuwa

BSc. (Hons) in Information Technology and Management

Faculty of Information Technology

Reading - Expected in 2026

SGPA 3.29

President's Science Collage

GCE A/L - Physical Science

Combined Mathematics - C | Chemistry - C | Physics - C

2017 - 2020

Z-Score 1.0509

Projects

Welfare Management System

- Developed an automated management system for union hostels and scholarship distribution, significantly streamlining operations and reducing administrative burdens.
- Contribution: Played a pivotal role in architecting and deploying the system, significantly reducing administrative burdens and ensuring secure management of sensitive data for a vast number of students and administrators.
- **Role** - Full-Stack Developer [Team Project]
- **Technologies** - React, Material UI, Node.js, PostgreSQL, Keycloak, JWT

Yelp Clone (PERN Stack)

- Built a Yelp-like review and location search platform, enhancing user engagement and operational efficiency for over 1,000 business listings..

Database

- MySQL
- MSSQL
- PostgreSQL
- MongoDB

Project Management Tools

- Jira

Version Control System

- Git
- GitHub / GitLab

IDEs

- Visual Studio Code
- IntelliJ IDEA
- Code Blocks
- CLion IDE
- NetBeans

Tools and Technologies

- Blender
- Postman
- Gimp
- Figma
- Docker
- RabbitMQ

LANGUAGES

- English
- Tamil
- Sinhala

- **Contribution:** Designed and implemented a dynamic system for handling extensive user reviews and business data, improving data processing and user interaction.
- **Role** - Full-Stack Developer
- **Technologies** - React, Node.js, PostgreSQL, Express.js, JWT

Recipe Application

- Created a dynamic application for recipe management, aimed at enhancing user interaction and streamlining recipe creation and management.
- **Contribution:** Developed and optimized user and backend interactions, managing high traffic with secure authentication and efficient data handling multiple request
- **Role** - Full-Stack Developer
- **Technologies** - React, Bootstrap, Node.js, Express.js

Travel Log Application

- Developed a comprehensive travel log application that enables users to record and share travel experiences on an interactive map. Users can mark locations, add personal notes, and upload images to document their journeys.
- **Contribution:** Engaged in the development and enhancement of front-end and back-end features, improving functionality and user interface, ensuring a seamless user experience for documenting travel memories
- **Role** - Full-Stack Developer
- **Technology** - React, Node.js, MongoDB, Express

Customizable Text Display Controller for P10 LED Panels

- Built a controller that facilitates text display on P10 LED displays via WiFi, Ethernet, and SD card, utilizing an ESP32 Microcontroller. This system allows users to adjust the number of displays and characters, change font families, and control the speed of the text via a keypad.
- **Contribution:** Engineered the ethernet part, integrating multiple connectivity options to enhance user control and flexibility, allowing for dynamic customization of display settings and real-time updates.
- **Technology** - ESP32 Microcontroller, WiFi, Ethernet, SD card

REFEREES

Mrs. M. B. Mufitha

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