



ZAHRI AFFA

CONTACT

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- Dalugama, Kelaniya

EDUCATION

University of Kelaniya.
Bachelor of Science (Hons) in Information Technology (2023 – Present | Current GPA 3.6)

Sri Lanka Youth Service Council
Certificate Course in Professional English (2022 - 2023)

SKILLS

TOOLS / PLATFORMS

- Visual Studio Code
- IntelliJ IDEA
- XAMPP
- Git & GitHub
- phpMyAdmin
- Postman
- Microsoft Office Suite
- Windows & Linux(exploring) Environments
- Figma (basic UI design exposure)

LANGUAGES

- Java
- PHP
- JavaScript
- HTML5
- CSS3
- SQL
- C++
- Python
- C#
- .NET FRAMEWORK

PROFESSIONAL SUMMARY

Motivated and detail-oriented final year undergraduate in Information Technology at the University of Kelaniya with hands-on experience in full-stack development, software testing, DevOps workflows, and data handling. Skilled in developing and maintaining web and mobile applications using Java, PHP, MySQL, ReactJS, Flask, and RESTful APIs. Strong foundation in manual testing, project coordination, and database management. Passionate about contributing to software engineering, QA, Project Management, Data Engineering or DevOps teams in dynamic environments.

WORK EXPERIENCE

- ▶ **Full Stack Developer Intern**
Sprit Network Pvt Ltd – Sri Lanka
July 2025 – Present
Working on production-ready client systems
- **Restaurant Management & Online Ordering System**
 - Developed full e-commerce ordering workflow (cart → checkout → order processing).
 - Implemented transaction-based database operations (commit/rollback).
 - Built product, promotion, and branch management modules.
 - Secured system using prepared statements and CSRF tokens.
 - Achieved optimized performance with indexed database queries.
 - Tech Stack: PHP 8+, MySQL 8+, Bootstrap 5, JavaScript (ES6)
- **Donation Management System**
 - Digitized manual donation tracking for 500+ donors.
 - Developed monthly tracking with composite unique constraints.
 - Engineered precision slip-printing system using CSS print media queries.
 - Implemented secure file uploads and role-based access control.
 - Optimized queries handling 6,000+ records efficiently.
 - Tech Stack: PHP, MySQL, Bootstrap 5, JavaScript, jQuery
- **College Management System**
 - Developed role-based system (Admin, Teacher, Student, Parent).
 - Implemented attendance, exams, fee tracking, and dashboard analytics.
 - Integrated Chart.js visual reports.
 - Built document upload and validation modules.
 - Designed 15+ normalized database tables.
 - Tech Stack: PHP, MySQL, Bootstrap, JavaScript, jQuery, AJAX
- **Student Council Election System (Real-Time Voting Platform)**
 - Built secure multi-PC digital voting system. Enforced one-vote rule with duplicate prevention. Implemented real-time results using AJAX
 - Designed normalized MySQL database with authentication
 - Tech Stack: PHP, MySQL, JavaScript, Bootstrap

ACADEMIC & PERSONAL PROJECTS

- **Apex Dent – Dental Clinic Management System**
 - Role-based web application for patients, dentists, and admin.
 - Implemented appointment scheduling, EHR, and inventory tracking.
 - Designed secure authentication and CRUD operations.
 - Tech Stack: PHP, MySQL, JavaScript, HTML, CSS
- **Inventory Management System – Web Application**
 - React frontend with Axios integration.

SOFT SKILLS

- Problem Solving
- Team Collaboration
- Communication (verbal and written)
- Time Management
- Adaptability
- Attention to Detail
- Willingness to Learn
- Critical Thinking

FRAMEWORKS

- Bootstrap
- Node.js
- React.js
- Laravel (exploring)
- JUnit (unit testing in Java)

DATABASES

- MySQL
- Oracle PL/SQL
- phpMyAdmin
- Firebase

TESTING TYPES

- Manual
- Functional
- Regression
- UI/UX
- Exploratory

LANGUAGES

- English :- Fluent
- Sinhala :- Elementary proficiency
- Tamil :- Native

COMPETITIONS & ACHIEVEMENTS

- Ideasprint 2023 – University of Kelaniya (Semi Finalist)
- Huawei ICT Competition Sri Lanka 2023–2024 Network Track – Top 20

EXTRA CURRICULAR ACTIVITIES

- UOK LEO club Member
- LED KLN club Member
- Committee Member - Industrial Management Science Student Association
- Freelance Developer
- Student Prefect
- School Computer Science Club Member
- Outdoor Enthusiast

- PHP backend with database operations.
- Reduced manual stock tracking errors.
- Tech Stack: React.js, Node.js, PHP, MySQL

● FOODIES Android Recipe App

- Java-based Android app with Google authentication.
- Firebase real-time data handling.
- Implemented CRUD operations and video integration.
- Tech Stack: Java, Firebase

● Bus Transportation Management System

- A desktop-based system for managing routes, schedules, ticket bookings, and passengers in bus transport services.
- Built using Java with MySQL integration for route mapping, booking records, and reporting features.
- Designed and implemented core logic for admin controls and passenger management.
- Tech Stack: Java, MySQL

● Facial Recognition Attendance System

- Built web-based facial recognition attendance tracker.
- Captured multiple facial frames per user.
- Generated downloadable attendance reports.
- Tech Stack: PHP, JavaScript, MySQL

● Distributed Cloud Storage System with Google Cloud

- Built fault-tolerant file storage system inspired by Google Drive.
- Implemented dual primary storage folders with automated failover.
- Integrated Google Cloud synchronization and backup servers.
- Tech Stack: Python, Flask (REST APIs), Google Cloud Storage, File Handling, Automated Synchronization

● Cross-Platform Calculator App

- A simple yet elegant calculator app built using React Native with Expo, designed for Android and iOS platforms.
- Developed to perform basic arithmetic operations, handle floating-point calculations, and support advanced features like square roots and percentages. The app ensures input validation by preventing errors such as division by zero and multiple consecutive operators.
- Tech Stack: React Native, Expo, JavaScript

● Research on Business Perspectives of Sri Lanka's

Tourism Sector

- A research project conducted under the Statistical Data Modeling module for the CrowdSnap Market Minds Challenge 2024.
- Analyzed the effectiveness of Sri Lanka's tourism sector by evaluating governance, infrastructure, marketing, and financial support. The study identified key gaps and proposed policy-driven strategies to enhance the industry's global competitiveness.
- Tech Stack: R, Statistical Data Modeling, Research Analysis

REFERENCES

Mr. ALA Salam(JP)

Rtd.Manager,

People's Bank,

Addalaichenai

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Mr. MHM. Sahufan Kariapper

Director,

Sprit Network Pvt (Ltd)

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