Faris Shafee Ahamed
Software Engineer

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Profile

Software Engineer with a BICT (Hons) in Software Technologies from South Eastern University of Sri Lanka and hands-on industry experience in full-stack development, cloud-native solutions, and scalable application design. Proficient in programming, databases, and cloud platforms including Microsoft Azure and AWS, with experience across web, mobile, IoT, and real-world product delivery. Driven by a strong problem-solving mindset and a passion for building impactful, high-quality software solutions.

Education

Bachelor of ICT (Hons) in Software Technology   **(2021-2025)**
South Eastern University of Sri Lanka

Professional Experience

Addalaichenai, Sri Lanka   **Associate Software Engineer**   **2025 September - Present**
AI Generix – Remote (Part Time)

- Implementing frontend and backend features and REST APIs using Laravel, following MVC architecture and best practices.
- Worked with relational databases (MySQL / MS SQL) to design schemas, write queries, and manage data workflows.

Tech Stack: React.js, Laravel, PHP, JavaScript, MySQL, REST APIs, Git

Colombo, Sri Lanka   **Software Engineer - Intern**   **2025 September - Present**
MobioS Pvt Ltd

- Developed and maintained scalable, responsive web applications using React.js, Node.js, and MS SQL, with optimized stored procedures and clean, maintainable code.
- Implemented backend APIs and database logic, ensuring efficient data handling, performance optimization, and secure application workflows.
- Gained hands-on experience in deploying web applications and managing cloud and local server environments, supporting smooth releases and system reliability

Remote, Fiverr   **Freelancer (Web Development & Design)**   **2024 March - 2025 Sept**
Fiverr Freelancing Platform

- Completed diverse client projects: responsive websites, UI/UX designs, and a Basic Full-Stack application.
- Created AI-generated promotional videos and designed professional visuals as a Canva Pro editor, meeting client specifications.

Addalaichenai, Sri Lanka   **IT Lecturer**   **2024 Apr -2025 Apr**
Zips Campus

- Teach web development courses, focusing on React, Tailwind CSS, Bootstrap, and Laravel.
- Design and deliver hands-on coursework to equip students with industry-relevant skills.
- Mentor students to build, deploy, and maintain a functional web application

Certifications

- **CCNA**: Switching, Routing and Wireless Essentials – CISCO
- **Introduction to AI concept** - Microsoft Learn
- **IT Essentials in Software and Hardware** - CISCO
- **Introduction to Machine Learning** - Microsoft Learn
- **Dashboard in a Day - Online Workshop (Power Bi)** – Microsoft Learn
- **Azure for Researchers - Introduction to Cloud Computing** – Microsoft Learn
- **Development for Enterprise DevOps –** Microsoft Learn

Projects

- **Oasis Amps:** A web app that enables users to find and book EV chargers or list their stations. Features an interactive map, secure Stripe payment system, and profile management. *Tech Stack*: Laravel, Bootstrap 5, MySQL, Google Maps API, Stripe API.
- **Low Stock Alert Cloud-Based Application:** It is a cloud-based web application that automates inventory monitoring. It uses a React frontend and a serverless Node.js backend on Microsoft Azure to manage products stored in Azure Cosmos DB. The system's core logic is powered by Azure Functions, including an HTTP-triggered API for dashboard updates and a Timer-triggered function that automatically scans for low stock and sends intelligent email alerts via SendGrid.
- **Smart Cradle System:** Contributed to the collaborative endeavor for the National Invention Fair & Competition, consequently developing an AI-based sleep pattern analysis system using Arduino/ESP32 hardware, coupled with real-time sensor data. Developed a Flutter mobile app and web UI for displaying live cradle metrics, with RFID/NFC secure access, and WhatsApp/Telegram notifications. Garnered the appreciation of some industry experts.
- **Hostel Management System:** A Laravel system for managing room allocations, payments and hostel logistics. Hosted this using AWS free services
- **Food Ordering System:** A website for local food sellers and buyers to advertise their products and sell them through this Online store. This application is created using Laravel to simulate real-world Online food ordering.
- **AI Based Customer Churn Prediction & Retention for Sri Lanka SMEs (Final Year Research):** Framework for churn prediction and retention using ML/DL and XAI |XGBoost, BiLSTM, SHAP, LIME

Experiences

- Hands-on experience on an Oracle virtual machine. Set up & worked with ubuntu os on VM Box, installed git, Maven, SSH and other tools in Ubuntu VM. into the Ubuntu VM from the host machine and created files in it.
- Cloud and Full-Stack Developer specializing in designing and deploying scalable, serverless applications on Microsoft Azure. Skilled in Azure Functions, Cosmos DB, React, Docker, and DevOps with additional experience in IoT systems and mobile app development. Actively seeking a role as an Azure Developer or Cloud Engineer to apply my expertise in building innovative cloud solutions.
- Hands-on experience in version control and collaboration: used Git and GitHub to manage source code for academics and freelance projects. Created feature branches, managed pull requests, and resolved merge conflicts in multi-developer repositories.
- Hands-on IoT project experience: designed and implemented end-to-end IoT systems using Arduino, ESP32, ESP 8266(NodeMCU), and Raspberry Pi. Interfaced with sensors, collected real-time data, transmitted via MQTT/HTTPS to cloud dashboards, and built automation scripts to control actuators.
- Hands-on Mobile App development: worked with Flutter and Java-based mobile applications. Integrated with SQLite and Firebase. Deployed APKs to physical devices for testing.

Awards and Honors

Best Captain	**SLUG University Kabaddi Tournament**	**2023 Sept**
Best Project Winner	**Faculty Level IoT Competition**	**2024 - Sept**
Best Website Design	**Web Arcade Competition in the Faculty**	**2024 – March**

Technical skills

Programming Languages
C, Java, Python, C#

Web Development
HTML, CSS, Java Script, PHP,
React, Node JS, Next JS, Laravel,
Stored Procedures

Mobile Development
Java, Flutter, React Native

Database
MySQL, Cassandra DB,
MongoDB, Firebase, MsSQL

Platforms
Windows, Ubuntu, Mac

Cloud
Azure, AWS

Version Control
Git, Git Hub

IDES/ Text Editors
Visual Studio, Android Studio,
NetBeans, Eclipse, VS Code,
Codeblocks, Antigravity, Data
Grip, DBeaver

Languages

Tamil
English
Sinhala

Non-Related Reference

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