ALOKA GIMHARI
SOFTWARE ENGINEER

ABOUT ME

Adaptable and self-driven Software Engineer with expertise in full-stack development and problem-solving. Passionate about building scalable solutions and collaborating with dynamic teams. Seeking a Software Engineer role to apply my technical skills effectively.

CONTACT

☎ (+94)70 203 9909

✉ alokagimhari@gmail.com

📍 Saliyapura,Anuradhapura

github.com/alokagimhari

linkedin.com/in/alokagimhari

medium.com/alokagimhari

SKILLS

Programming Languages
Java, C, C#

Frameworks
.Net, SpringBoot, Laravel, NodeJS

Web Development
JavaScript, HTML, CSS

Databases
MySQL, MongoDB, MSSQL

Version Control
Git

Project Management Tools
Jira, Trello

Software Testing Tools
Selenium, Postman

PROFESSIONAL EXPERIENCE

Software Engineer Intern　　　　2022/12– 2023/08
SLT Digital Service (pvt) Ltd

- Developed a Research Management Web Application using React and Node.js, integrating MongoDB for efficient data storage.
- Created and optimized RESTful APIs, improving system scalability and performance.
- Implemented JWT-based authentication, enhancing application security.
- Used GitScrum for agile project management and collaborated with cross-functional teams.

EDUCATION

B.Sc. (Hons) in Information Technology　　2020–2024
University of Moratuwa
CGPA 3.29

GCE Advanced Level　　　　　　　　　　2018
Anuradhapura Central College
Result A,2B

PROJECTS

Online Course Platform

Tech Stack: .NET, C#, Angular, Azure

- Designed a scalable learning platform allowing instructors to create, manage, and publish courses.
- Implemented secure authentication and authorization with role-based access control.
- Developed an interactive UI using Angular for seamless user experience.

Employee Management System

Tech Stack: .NET, Blazor WebAssembly, SQL Server

- Built a multi-level organizational hierarchy system with modules for vacation tracking, overtime, and HR management.
- Integrated SQL Server for data persistence and optimized queries for performance.

Financial Report Summarization | Research Based Project

Tech Stack: Python, Transformers, Deep Learning

- Developed an AI-driven system for automated financial report analysis for the Central Bank of Sri Lanka.
- Designed non-textual data extraction techniques, improving analytical accuracy.

PROJECTS

Research Management Platform | Internship Project

Tech Stack: React, Node.js, MongoDB

- Developed a publication tracking system with authentication, funding management, review, and rating features.
- Implemented efficient MongoDB queries for optimized data retrieval.

Management Information System | Level 2 Project

Tech Stack: Laravel, React Native, Flutter, MySQL

- Created an end-to-end platform supporting course enrollment, a grading system, book cataloging, borrowing, and secure payment integration.

Navigation Suit | Embedded Systems

Tech Stack: C, AtMega 32, KiCad, Proteus

- Engineered a smart wearable device with obstacle detection and real-time safety alerts.
- Developed weather-adaptive protection features, enhancing usability.

ACHIEVEMENTS

Thinkwave | 3.0 Inter-University Ideathon

Team : 'TechMates' (05 members) - Semi-Finalists

Hack Moral 4.0 | Mini Hackathon

Solo Coding : Participated

FIT Code Rush | Coding Competition

Solo Coding : Participated

HackDown | HackerRank

Solo Coding: Participated

School Inter-House SportsMeet

Female Champion

Senior Prefect