

ashen madhusanka

Software Engineer

2+ years of experience facilitating cutting-edge engineering solutions with a wide range of e-commerce applications and technology skills. My engineering practice's whole role includes building and designing web and mobile solutions based on cloud platforms (AWS, GCP), as well as network design and configuration. UI developer trained in HTML5, CSS3 and Javascript. Backend development in node js and PHP.



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🌐 portfolio.ashen780.tk

📖 stackoverflow.com/users/10727157/ashen-madusanka

WORK EXPERIENCE

Full-stack Software Engineer

DIMO - Diesel & Motor Engineering PLC [🔗](#)

03/2020 - Present

Sri Lanka

Responsibilities/Projects

- Main responsibility was Software Development and delivering solutions to an internal departments base by utilizing wide-ranging technologies and frameworks
- Perform full Software Development Life Cycle (SDLC) in www.dimoretail.lk e-commerce site development, server and network configuration. (PHP).
- Software Design and development face recognition attendance system. (AWS rekognition, AWS lambda) with the AWS lambda function and its free execution limit, we could save 90% server cost.
- Development www.dimoacademy.lk .(html,css,js,PHP).
- Managed and configured Google Cloud Platform VM. (Linux)
- Reduce VM cost by 70% migrating corn jobs to GCP cloud functions.

Software Developer - Internship

DIMO - Diesel & Motor Engineering PLC [🔗](#)

06/2019 - 02/2020

Sri Lanka

Responsibilities/Projects

- Developed an Air conditioners' Electricity consumption monitoring system. (MQTT, Tasmota, MongoDB, Thingsboard, IoT).
- Design and Development of DIMO group financial summary visualizing vanilla js web app using (Firebase, Firestore, Google auth) Zero cost with firebase limits.
- Work with software team to coordinate development of new software features and resolves issues.

EDUCATION

Higher National Diploma in Information Technology

Sri Lanka Institute of Advanced Technological Education (SLIATE) [🔗](#)

03/2017 - 03/2019

Dehiwala

Courses

- Software Engineering
- Object Oriented Analysis and Design
- Computer Architecture
- Data Communications and Networks

LANGUAGES & TECHNOLOGIES

javascript

react-js

react-native

GCP

IoT

Research

node-js

php

mysql

Linux

Android

PERSONAL PROJECTS

Basic social media app (react,node-js,mongodb)
(12/2020 - Present)

- post.ashen780.tk (code link in portfolio).
- User login (email,password & Google auth)and create , edit , delete posts.
- Next update chat feature.

Multiplayer snake game (html,css,js,webSocket)
(12/2020 - Present)

- game.ashen780.tk (code link in portfolio).
- Basic multiplayer game.
- Next update intergration with above project.

Weather app (react native) (01/2021 - Present)

- Get user's GPS location and show current Weather (code and download links in portfolio).

CERTIFICATES

LinkedIn Skill Assessment badges (01/2021 - Present)

<https://www.linkedin.com/in/ashen780/>

JavaScript Algorithms and Data Structures - freeCodeCamp.org
(07/2021 - Present)

<https://www.freecodecamp.org/certification/ashen780/javascript-algorithms-and-data-structures>

INTERESTS

coding

Science

Sports

Workout

Music