

Mohamed Azhar

Software Engineer



📍 Kurunegala, Sri Lanka

✉ azharmohammed22350@gmail.com

☎ +94776489134

in LinkedIn

🐙 Github

PROFILE

I am a highly motivated and adaptable individual with a strong passion for learning and a dedication to achieving organizational goals. I thrive on challenges, eagerly embracing opportunities to explore new technologies and innovative problem-solving solutions. As a team player, I am committed to collaborating effectively and contributing to the success of projects.

REASERCH PAPERS

24/7 Renewable Energy Traceability web application

published in

- IEEE Xplore
- ResearchGate
- JST-Japan Science and Technology Agency

PROFFECIONAL EXPERIENCE

IJSE, software Engineer

07/2023 – present

Direct Entry Program, Panadura

Tech Stack- Java | OOP | JavaScript | Typescript | node.js
| Next.js | Bootstrap | React | Angular | Java EE | Spring |
Hibernate
Springboot | Micro services | Docker

GTN Technologies , Dubai, Software Engineer

08/2022 – 07/2023

key job responsibilities

- Developed fintech related products and bug fixing.
- Understand and analysis of client requirements.
- Debug and troubleshoot the code integrate to other systems.
- worked on the production support team and work on production related issues.
- Good understanding of Jira , Agile methodologies.
- Learn new technologies and keen up with the trends.
- Familiarity with infrastructure provisioning and management using AWS.
- Proficient with Git, Bitbucket basics .

Technical Skill

- programming language : Java, C++ , Javascript , SQL , CSS , HTML , XML.
- Database Management System : PostgreSQL.
- Operating System : AWS Linux , windows.
- Cloud computing Platform : AWS.
- Technologies : OOP , webSockets , Apache Kafka, Apache Solr , Springboot, microservices

EDUCATION

Bachelor of Science in Engineering(Hons)

(Washington Accord), University Of Moratuwa

08/2017 – 07/2022 | Moratuwa, Sri Lanka

Faculty Of Engineering

Cisco Certified Network Associate,

Cisco Networking Academy, University Of Moratuwa

2018 – 2019

Higher Education, St' Anne s college, Kurunegala

2002 – 2015

- G.C.E Advanced Level (Physical Science stream)-
2016
3A s / Z-score- 2.0539 / District rank -40

REFERENCES

Mr. Prasad Waduge,
CEO / Senior Lecturer,
Institute of Software Engineering
(IJSE)
prasad@ijse.lk, +94772252985

DR.(MS) ABEYGUNAWARDNE S.K.,
BSc (Eng) (Peradeniya), PhD (NUS)
Senior Lecturer Grade II Department of
Electrical Engineering, Faculty of
Engineering, University of Moratuwa,
Moratuwa 10400, Sri Lanka.
sarangaa@uom.lk, +94-112650301
Ext:3204

PROJECTS

Talk Trek -Chat Application

Here developed a client-server application with group chat functionality Users need to login to application to chat with others.

Tech Stack - Java Spring framework
,Angular,Bootstrap,css ,WebSockets ,Hibernate
,HikariCP

Microservices Performance Monitoring System

Here developed the order management system using microservice architecture with Order service ,Inventory service,Notification service. It was monitored the performance of each service with prometheus real time database and grafana dashboard

Tech stack -java, Micro services, Springboot,Apache Kafka , Resilience4J, Eureka, Spring data JPA, Spring ,Spring cloud gateway,Docker

Renewable Energy Treasiability for Sri Lanka Web Application

Here we developed a web platform for provide renewable energy solutions for Industrial consumer for meet their Carbon net zero target using Industrial consumer and CEB historical data.

Tech Stack - React| nodejs | javascript | bootstrap | css

Smart POS System

Here seamlessly manage transactions, inventory, and customer relations with cutting-edge efficiency. It is designed for the modern business and elevate sales experience.

Tech Stack - Java | OOP | PostgreSQL | Software testing | transactions

EXTRA-CURRICULAR ACTIVITIES

AISEC of University of Moratuwa

Contributed with Incoming global volunteer projects

IEEE Industrial Application society ,University Of Moratuwa, Executive committee member

- Design team -IAS Comrades Phase 4.0
- Design team -workshops

IEEE student branch University Of Moratuwa, Student Member