Shanaaz Ahamed

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GitHub/imshaaz21   in LinkedIn/imshaaz   Portfolio

Profile

A hard-working, motivated person who has a deep enthusiasm for software development and computer science. My knowledge encompasses a wide range of technology stacks.

Education

BSc. (Hons) (R) in Computer Science and Engineering,
University of Moratuwa

01-2020 – present | Sri Lanka

- Final year undergraduate with CGPA - 3.62/4.2
- Dean's list GPA in semester 2

GCE Advanced Level Examination - 2018, Physical Science Stream, *Giri/Kekunagolla National School*

2016 – 2018 | Kurunegala, Sri Lanka

- Z-Score : 1.9634
- District Rank : 41

Skills

Programing Languages
Python, Java, JavaScript, C

Frameworks & Libraries
Spring Boot, ReactJS, React Native, Express, Flask

Database Management Systems
MySQL, MongoDB

Projects

Enhancing Outdoor Computer Vision in Resource-Constrained Environments, *Final year project*

08-2023 – present

- Supervised by Dr. Chathuranga Hettiarachchi

Professional Experience

Data Science Intern, *Dialog Axiata PLC* 🔗

01-2023 – 07-2023 | Sri Lanka

- Skills : Machine Learning, ReactJS, Python, JavaScript
- Developed a MDT Data Processing & Visualization web based application.

Freelance Developer, *Fiverr* 🔗

2021 – present

- Level 02 seller
- Offer service as a Web, Mobile app developer and computer programing tutor.
- 80+ five-star reviews.
- Served clients from United States, Canada, England and more.

Participations

Techno - Hackathon Xtreme 2023, *IESL Student Chapter*

10-2023

- Ranked in the top 20
- Participated in the final round at BMICH.

Certificates

Supervised Machine Learning: Regression and Classification 🔗
Stanford | DeepLearning.AI / Coursera

Using Python to Interact with the Operating System 🔗
Google / Coursera

- Model Switching between domain specific models
- Optimization for resource constrained environment
- Profiling and analysis of model performances.

Python | Domain Adaptation | Pruning | Quantization

Crop Monitoring Smart Agriculture,

Semester 5 Individual Project 🔗

08-2022 – 12-2022

- Supervised by : Dr. Sulochana Sooriyarachchi
- Designed a portable device for a crop monitoring application, controlled and visualized through an Android app, featuring integrated image processing for the detection of plant leaf diseases.

Flutter | Arduino | TensorFlow

Fish Tank Monitoring System,

Semester 4 Group Project 🔗

01-2022 – 07-2022

- Supervised by Dr. Kutila Gunasekara
- Developed an integrated system to identify fish tank turbidity and pH values, featuring an automated feeder system.
- Implemented an Android application for sensor data visualization, feeder system control, and real-time notification alerts.

Java | Firebase | Python

Micro Banking System, *Semester 04 Group project* 🔗

01-2022 – 07-2022

- Semester 04 Group Project
- Online banking system with central database, embedded database, and android app.

MySQL | SQLite | Express JS | React JS | Java | Android Studio

Languages

English	●●●●○
Tamil	●●●●●
Sinhala	●●●●○

Organizations

ACM, *Member of IESL Robo Games Tech team*
09-2022 – 03-2023

References

Dr. Chathuranga Hettiarachchi, *Senior Lecturer,*
University of Moratuwa
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Prof. Chandana Gamage,
Professor in Computer Science & Engineering,
University of Moratuwa
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