Shanaaz Ahamed

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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.

PROFESSIONAL EXPERIENCE

Data Science Intern   01/2023 – 07/2023
Dialog Axiata PLC 🔗   Sri Lanka
- Skills : Machine Learning, ReactJS, Python, JavaScript
- Developed a MDT Data Processing & Visualization web based application.

Freelance Developer   2021 – present
Fiverr 🔗
- Level 02 seller
- Offer service as a Web, Mobile app developer and computer programing tutor.
- 85+ five-star reviews.
- Served clients from United States, Canada, England and more.

EDUCATION

BSc. (Hons) (R) in Computer Science and Engineering   01/2020 – present
University of Moratuwa   Sri Lanka
- Final year undergraduate with CGPA of 3.57 out of 4.2 (up to the 7th semester).
- Dean's list GPA in semester 2

GCE Advanced Level Examination - 2018, Physical Science Stream   2016 – 2018
Giri/Kekunagolla National School   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

LANGUAGES

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

Sinhala   ● ● ● ● ○

CERTIFICATES

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

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

PARTICIPATIONS

Techno - Hackathon Xtreme 2023   10/2023
IESL Student Chapter
- Ranked in the top 20
- Participated in the final round at BMICH.

PROJECTS

Enhancing Outdoor Computer Vision in Resource-Constrained Environments 08/2023 – present
Final year project
- Supervised by Dr. Chathuranga Hettiarachchi
- 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 ✐ 08/2022 – 12/2022
Semester 5 Individual Project
- 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 ✐ 01/2022 – 07/2022
Semester 4 Group Project
- 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 ✐ 01/2022 – 07/2022
Semester 04 Group project
- Semester 04 Group Project
- Online banking system with central database, embedded database, and android app.

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

ORGANIZATIONS

ACM 09/2022 – 03/2023
Member of IESL Robo Games Tech team

REFERENCES

Dr. Chathuranga Hettiarachchi, *Senior Lecturer,* University of Moratuwa
chathuranga@cse.mrt.ac.lk, +94 704 067 543

Prof. Chandana Gamage, *Professor in Computer Science & Engineering,* University of Moratuwa
chandag@cse.mrt.ac.lk, +94 777 483 643

DECLARATION

I hereby declare that all the information provided in this resume is accurate and true to the best of my knowledge.

Shanaaz Ahamed
23/02/2024