USAMA PUWARD

- (+94) 76 626 0507
- [LinkedIn Profile](#)
- usamafuward2001@gmail.com
- Colombo

PROFILE - ([PORTFOLIO](#))

Computer Science Undergraduate, Machine Learning and AI Enthusiast with a strong passion for applying ML and AI techniques to real-world projects. Skilled in developing efficient solutions and eager to innovate within the field of ML and AI .

CERTIFICATIONS

30 Days MasterClass in Artificial Intelligence
NoviTech - 2024

Machine Learning Specialization
DeepLearning.AI and Stanford | Online - 2024

1. Supervised Machine Learning: Regression and Classification

2. Advance Learning Algorithms

3. Unsupervised Learning, Recommenders, Reinforcement Learning

TensorFlow Developer Professional Certificate(4 courses)
DeepLearning.AI - 2024

Azure Fundamentals Cloud Skills Challenge
Microsoft - 2024

Azure Data Fundamentals Challenge
Microsoft - 2024

Version Control (GIT)
Meta - 2024

Django Web Framework
Meta - 2024

React Basics, Advanced React, React Native, Programming with JavaScript
Meta - 2024

PROFESSIONAL EXPERIENCE

Research Projects – UCSC *Data collector, Annotator | Apr 2023 – Dec 2023*
Badminton Shot Analysis | Emotion Analysis on Tamil Texts

- **Badminton Shot Data:** Led data collection on badminton smash shots, ensuring comprehensive datasets..
- **Translation & Annotation:** Validated 1,000+ English-to-Tamil translations, annotated social media content to enhance emotion detection models..
- **Video Editing:** Edited videos to aid machine learning model training.
- **Team Collaboration:** Worked closely with research teams to meet project goals

Full Stack Developer *Freelance | Dec 2023 – May 2024*

EDUCATION

B.Sc. Computer Science *University of Colombo School of Computing | 2022 - Present*

TECHNICAL SKILLS

Languages: JavaScripts, Python, Java, C++
ML Tools & Libraries: scikit-learn , TensorFlow, Pandas, NumPy, Matplotlib
DevOps and Containerization: Docker
Cloud Platforms: Microsoft Azure
Version Control: Git, GitHub
Frontend Libraries/Frameworks: React, React Native, SCSS, Tailwind CSS, Bootstrap
Backend Frameworks: Node.js, Express.js, Spring Boot, Python Fast API, Django
Databases: MySQL, PostgreSQL, MongoDB
Other Skills: Team Work, Problem Solving, Analytical Thinking, Adaptability, Communication (English, Sinhala, Tamil)

PROJECTS - [GitHub](#)

NLP System for Podcast Chatbot: Develop an NLP system that enables natural conversational experiences using podcast transcripts. The chatbot will accurately answer questions, identify and attribute responses to the correct speakers, and provide links to YouTube videos.([Chatbot](#))
30 Days MasterClass in Artificial Intelligence: Face Detection and Recognition, Object Tracking, Image Classification, HandWriting Recognition, Email Spam Detection, …
Full Stack Projects: Travel Point([Mobile](#),[Web](#),[Backend](#)), [Eats Robbers](#), [ClubHub-Central](#)

REFERENCE

Mr. M.R.Sajeer Ahamed
MSc in Computer Science, Nottingham Trent University
Software Development Engineer, Amazon, London, UK
sajeer.riyaf@gmail.com
+447310941277
http://www.linkedin.com/in/sajeerahamed

Mr. D.T. Bamunuarachchi
Lecturer, UCSC
dtb@ucsc.cmb.ac.lk
+94773311798