

# USAMA PUWARD

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🏠 Colombo

## PROFILE

**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**

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