**Shrenik R**

**PROFILE**

I am a B.Tech student studying electronics and computer engineering. I explore new technical concepts with an inquisitive mindset, which helps the IT sector thrive.

Proﬁcient in C/C++, Python, Javascript, Problem-solving, Data Structures, and Algorithms, as well as a solid understanding of computer science principles (OS, DBMS, OOPs, and SQL).

A focused and goal-oriented individual with excellent interpersonal and communication skills.

**EDUCATION**

* **B.Tech** **Electronics and Computer Engineering**

**CGPA – 7.86 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 86.5% **2019**

Institution: St.Vincent Pallotti School

* **Class 10** – 92% **2017**

Institution: St.Vincent Pallotti School

**TECHNICAL INTERESTS**

Artiﬁcial Intelligence(AI) / Machine learning(ML) / Deep Learning / Computer Vision / NLP

**PROJECTS**

**Meme Creator**

A website where any user may utilize the provided base template to create their own personalized meme using the placeholders provided.

**Movie Recommendation System**

The recommendation model returns appropriate movie search results based on user choices such as ratings, genres, actors, and so on. The Heroku Cloud Platform is used to deploy the web app.

**Covid - 19 Tracker App**

Using the Cowin API for realtime data, a simple website will display all of the speciﬁcs of accessible places and vaccination numbers near the user.

**Multipage Machine Learning Web App**

A web app with multiple section such as predictor models and recommendation systems.

In addition it contains classiﬁcation systems, NLP models and computer vision projects which provide results based on user input.

**TECHNICAL SKILLS**

Python / Django / Flask / C/C++ / Matlab / HTML / CSS / Javascript / SQL

Data Structures and Algorithms / Object oriented programming(OOPs) DBMS / Operating System (OS) / Software development

Data Science / Big Data Analytics / Statistics

React JS / Node JS / Express JS / Firebase / MongoDB Google Cloud / Linux / Git / Github / Heroku

**INTERNSHIP**

**Computer Vision Intern,** Moksa.ai

Using a live webcam feed, I worked on security footage to identify theft and measure the number of individuals

that visit and leave a local retail establishment.

The model is used to accurately detect all forms of thefts and a separate model to count people at the entry and exit door of the retail shop.

Technologies used are Python, Tensorﬂow, Yolov4, CUDA, and Google Colab.

**CERTIFICATIONS**

Python data structures Michigan State University(08/2020 - 09/2020)

Convolution Neural Networks in Tensor Flow by DeepLearning.AI (01/2020 – 03/2020) Interactivity with JavaScript University of Michigan (04/2021 - 05/2021)

Introduction to Tensor Flow for AI, ML, and Deep Learning by DeepLearning.AI (from 07/2020 to 09/2020) Deep Learning with PyTorch: Generative Adversarial Network

**LANGUAGES**

English, Hindi, Kannada