

# Himesh Sharma

himeshsharma.in

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## EDUCATION

**Vellore Institute Of Technology**

July. 2019 – Current

*Bachelor of Technology in Computer Science and Engineering (AI and ML)*

GPA : 7.59

## PROJECTS

**Hand Sign Detection (American Sign Language ASL) Computer Vision** | 🌐 GitHub

| *Python 3 (CV Zone, Mediapipe, Open CV, TensorFlow (Keras)), Teachable Machine web* Oct 22- Apr 2023

- \* Hand Sign Language Recognition (SLR) is a computational task that involves recognizing actions from sign languages. This is an essential problem to solve especially in the digital world to bridge the communication gap that is faced by people with hearing impairments.

**Adhyayan (online free education site with an emphasis on Gamification)** | 🌐 GitHub

| *React.js, Bootstrap, node.js, express.js server, MongoDB atlas cluster, UNITY.*

Sep 21-Apr 2022

- \* Gamified learning website for kids made with React.js and Bootstrap at front end and node.js and express.js server for validation across forms and storing data to MongoDB atlas cluster via mongoose. Site contains UNITY games for development of children and having fun while learning.

**CUSTOMER SEGMENTATION Using Machine Learning** | 🌐 GitHub

| *Python 3 (libraries: NumPy, pandas, seaborn, flask, keras, Matplotlib, TensorFlow)*

Jan 21- May 2021

- \* Customer segmentation involves implementing data science methods to divide the customer base into smaller groups based on certain characteristics. Segmentation to make better use of marketing budgets, gain a competitive advantage over competitors.

**SCANNY - A MULTI PURPOSE Optical Character Recognition (OCR) APP** | 🌐 GitHub

| *Java, Flutter, ML, Firebase*

Jun 20-Dec 2020

- \* OCR software can be used to convert a physical paper document, or an image into an accessible electronic version with text. It is a multi-purpose OCR Scanner android app, where a user can extract the text as output from any given image, PDF, captcha, or even a number plate of a vehicle.

**Phishing Website Detection by Machine Learning Techniques** | 🌐 GitHub

| *Machine Learning Algorithms*

Apr 20- Oct 2020

- \* A phishing website is a common social engineering method that mimics trustful uniform resource locators (URLs) and webpages. The objective of this project is to train machine learning models and deep neural nets on the dataset created to predict phishing websites

## INTERNSHIP

**MirrAR Innovation Technologies Pvt. Ltd**

Feb 22 – Apr 22

*Practical application-based learning and worked in the field of Augmented Reality and 3D Modeling.*

- \* Technologies used: Spark AR, MirrAR, Adobe Photoshop and Blender.
- Achievements: Created blender projects and SparkAR basic functionalities 📄 Certificate

## TECHNICAL SKILLS

**Programming** : Java, Python, C/C++, JavaScript, HTML/CSS,

**Database Management and Model** : MySQL, Machine Learning

**Frameworks** : React, Node.js, Flask, Django

**Developer Tools** : Git, VS Code, Visual Studio, Eclipse

**Operating system** : Windows, Linux

## KEY COURSES TAKEN

**Computer Science** : Data Struct. and Algo., C++ and OOPs concepts, Introduction to Computing(with Lab), Machine Learning and Artificial Intelligence

**Mathematics** : Probability and Mathematical Statistic, Discrete Mathematics

**Core** : Machine Learning, Artificial Intelligence