

Parth Dasawant

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EDUCATION

BE (COMPUTER ENGINEERING)

BHARATI VIDYAPEETH COE

July 2023 | Navi Mumbai

CGPA: 9.37/10

HSC

May 2019 | Ratnagiri

Percentage: 78.15%

Maths: 87/100, CS: 176/200

SSC

May 2017 | Ratnagiri

Percentage: 88.20%

Maths: 99/100

SKILLS

PROGRAMMING

Experienced:

Python • Flutter • Flask • OpenCV

Intermediate:

Git • C++ • Tensorflow/Keras • Realm DB

• GitHub • Azure • HTML • CSS • Shell •

Dart • Java • \LaTeX • Kotlin • JSON

Familiar:

Angular • SQL • GCP • Docker

• Assembly • JavaScript

COURSEWORK

UNDERGRADUATE

Artificial Intelligence

Machine Learning

Deep Learning

Data Structures

Analysis of Algorithms

VOLUNTEER

CESA | TECHNICAL TEAM MEMBER

Feb 2022 – May 2022 | Navi Mumbai

• Organizing Hackathon.

• Conducting games based on CS concepts.

• Arrangements & Coordinating tech events.

ACHIEVEMENTS

• AI Programming with Python

Nanodegree

• AWS DeepRacer Student League

Preseason(Top 10% rank)

• Learn to Earn Cloud Challenge

• Android Basics in Kotlin

PROJECTS

PAPER TRADING | GOOGLE PLAY

Jun 2023 – Present | [Flutter, Realm DB] | 10K+ Downloads | 4.4+ Rating

- Developed & published this application for **Futures** and **Options** trading in **Flutter**, providing users with a realistic and risk-free trading experience.
- Implemented **Clean Architecture** using **BLoC** also **CI/CD pipeline** enabled.
- Integrated real-time market updates through various **APIs** and dynamic **candlestick chart** visualization, empowering users to make informed decisions and explore **options chain** strategies in NSE India's market by trading virtually.
- Implemented a day-wise trade history and **P/L** tracking feature for insights.

PENCIL SKETCH USING GAN | GITHUB

Jul 2022 – Apr 2023 | [Flask, Python, Tensorflow, OpenCV]

- Developed an advanced image-to-sketch conversion system using **Generative Adversarial Networks (GANs)**.
- Trained GAN model on a diverse dataset from Kaggle to generate realistic and high-quality pencil sketches.
- Created a user-friendly Flask-based website with seamless integration for easy image upload, image capture and sketch generation.
- Designed interactive features such as image preview and download functionality for enhanced user experience.

HANDWRITTEN CHARACTER RECOGNITION (HCR) | GITHUB

Jul 2022 – Aug 2022 | [Flask, Python, Tensorflow]

- Developed a handwritten alphanumeric character recognition system using Python, Flask, and deep learning techniques achieving **90% accuracy**.
- Trained Convolutional Neural Network (CNN) model on the **EMNIST dataset**.
- Built a user-friendly Flask web application for real time inputs.

SEGMENTATION OF SCLERA | GITHUB

Aug 2021 – Dec 2021 | [Tensorflow, OpenCV, segmentation_models]

- It can effectively do segmentation of Sclera with **Convolution Neural Network(CNN)**.
- Supervised Learning Model for **Semantic Segmentation**.
- Able to obtain the iou score: 188.0965/200 (around 90% accuracy).
- Used SBVPI Dataset for training and testing the performance of the model.

EXPERIENCE

RELIANCE | INTERN

Jun 2022 – Aug 2022 | Remote

- Worked in the Reliance IT team, in Angular to plan, to design & develop the real time Dashboard that reflect crucial stats for the organization.
- Created summary dashboard, that will reflect application's users/contractor/JI count, along with Department/ Discipline/ Job skills/ Job Role wise PAF count & some other information.

CERTIFICATIONS

• MICROSOFT CERTIFIED: AZURE FUNDAMENTALS (AZ-900)

25 May 2023 | Certificate

• MICROSOFT CERTIFIED: AZURE AI FUNDAMENTALS (AI-900)

27 Mar 2023 | Certificate