Parth Dasawant

parthdasawant07@gmail.com | LinkedIn | GitHub

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]
- 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 – Arp 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