ANCHAL PORWAL

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EDUCATION

B.Tech. Computer Science and Engineering
SRM Institute of Science and Technology CGPA: 9.69

2019 – 2023

Senior Secondary
Chennai, India

Yash Public Senior Secondary School, CBSE Percentage: 86.2

2018 – 2019 Nagda, India

Higher Secondary
Aditya Birla Public School, CBSE CGPA: 10

2016 – 2017 Nagda, India

TECHNICAL PROJECTS

E-care Platform
• Developed the online platform for patients to interact with doctor through online video consultation.

• Interactive UI/UX design prototype using Figma.

• Constructed the frontend code using Html and CSS.

Virtual Rube Goldberg machine
• Constructed a virtual Rube Goldberg machine using ADTs.

• Implemented the concept of Linked list, Stack, Queue,Trees.

• Constructed the code to make this device perform complex tasks in a time efficient way.

E-shoppe Application
• Uses Flutter Framework for App Frontend and Backend.

• Firebase is used as server maintaining Databases and Storage requirements of the app.

• App provides user authentication and related

MCQ Generation from Inshorts
services.

Inquisitor: The modern interview pack (Hack The Mountain Project 2021)
• Integrated web interface to facilitate remote interviews for recruiters so that the interviewees can showcase their skills more effectively.

• An audio-video interface implemented using webRTC. • A real-time whiteboard implemented using socketIO.

• Access to GitHub profile implemented using GitHub v3 API.

• Code editor and compiler for smooth interview testing.

• Data scraped from inshorts is used as text source.

• Summarised and structured the data to obtain a consolidated number of questions .

• Keywords are extracted and Distractors are generated using wordnet, conceptnet and vectors to generate MCQs.

Breast Cancer Prediction
• Developed a logistic regression-based machine learning model.

• Used to determine whether the breast cancer is benign or malignant.

• The model has an accuracy of 96.70%.

Traffic Sign Recognition
• Developed a Flask based Machine learning model. • Considers prospects such as self-driving cars. • Implemented CNN to classify the traffic signs. • Uses Color based segmentation to extract / crop signs from images.

TECHNICAL SKILLS

• Data Structure & Algorithms
• Flutter, Firebase
• UI/UX design – Figma, Adobe XD
• C, C++, Python
• Operating System, SQL
• Machine learning, OpenCV
• Analysis of Algorithms

EXPERIENCE

• Machine Learning Intern at ExamLounge (Aug'21-Nov'21)

CERTIFICATIONS

• Certificate of completion - Software Engineering - JP Morgan Chase & Co

• Certificate of Graduation - Flutter Development Using Dart - The App Brewery

• Certificate of Object-oriented Design and Programming - SRM eLab

ACHIEVEMENTS

- .Secured 1st position in building Virtual Rube
  Goldberg Machine in University.

- Achieved 5 star for C++ & Python programming
  on Hacker Rank.

- Certificate of merit Senior Sec. Exam Class X,CGPA-10.