Taher Barwaniwala

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B.E Computer Engineering

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in taher-barwaniwala

EDUCATION

•**Vidyavardhinis College of Engineering and Technology** *2024*

  B.E. Computer Enginnering CGPA(Average till SEM VI): 9.2

•**Thakur College of Science and Commerce** *2020*

  HSC, Maharastra Percentage: 89

•**Madrasah Tayebiyah Boys Technical High School** *2018*

  SSC, Gujarat Percentage: 86

PROJECTS

•**Budget Management System and Dashboard** *March 2023*

  A web application to store monthly budget for various categories and keeping track of spending records

  – Tools & technologies used: Python-flask , MongoDB , NodeJS ,ExpressJS ,HTML , CSS , JavaScript
  – Created API using expressjs for communicating between back-end and front-end.
  – Used MongoDB to store and retrieve user information.

•**Chrome Extension for preventing Epileptic seizers in youtube videos** *June 2023*

  A chrome extention that works on youtube videos to detect epileptic triggers and warn them about it.

  – Tools & technologies used:Python , JavaScript , opencv , flask
  – Developed a back end server in flask that takes youtube url and returns interval of triggering events .
  – Used opencv to convert frame to grayscale and than using numpy histogram calculated most bright and dark 25percent pixel values.
  – Using those designated a frame as dark or bright and used that to count flashes and used flashes per second to determine trigering events.

TECHNICAL SKILLS AND INTERESTS

Languages:Python , Javascript
Developer Tools: Visual Studio code
Frameworks:NodeJs , Mongoose
Cloud/Databases:MySQL , MongoDB
Languages:English , Hindi , Gujarati
Areas of Interest:Web Development , Machine Learning

POSITIONS OF RESPONSIBILITY

•**Technical Team Member,** Airnova *2022-present*

•**Organising Team Member,** Android Developer Club *2022-present*

ACHIEVEMENTS

•**IEEE paper Publication - doi: 10.1109ICCES57224.2023.10192767.** *June 2023*

•**Rank 1 Hackerstellar Hackathon**Orgainised at KJSCI Mumbai. *April 2023*