Harsh Patel

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Education

Pandit Deendayal Energy University **Aug. 2019 – May 2023**
Bachelor of Technology in Computer Engineering (CGPA of 9.55/10.0) *Gandhinagar, Gujarat*

Knowledge High School **July 2018 – April 2019**
H.S.C (81%) *Nadiad, Gujarat*

Knowledge High School **July 2016 – April 2017**
S.S.C (87%) *Kapadwanj, Gujarat*

Experience

Capgemini India **June 2024 – Present**
Analyst *Bangalore, INDIA*

Bisag-N , Ministry of Electronic and IT **Feb 2024 – May 2024**
Software Developer *Delhi, INDIA*

- Developing Government website and Application Using Java, ReactJS and Nodejs.
- Utilizing SQLite and SQL server for effective data management
- Managing All type of security of Company website.

Talentserve ltd. **May 2022 – July 2022**
Full stack Engineer Intern *Mumbai, India*

- Spearheaded the development of the suggestion page, playing a key role in both front-end and back-end aspects. Implemented user-friendly features and interfaces to facilitate seamless interaction
- Utilized Django and Python for back-end development, ensuring robust server-side logic and efficient data processing.

Projects

Facial Emotion Recognition Using CNN | *TensorFlow, Keras, Open-CV, Dlib, Anaconda* **January 2023 - May 2023**

- Developed and proposed an innovative method for identifying seven human emotions utilizing Convolutional Neural Networks (CNN) and Deep Neural Network (DNN) models.
  - Applied Haar Cascade Algorithm for robust face detection, ensuring accurate identification in various scenarios..
  - Leveraged Dlib Machine Learning Library for facial feature extraction, utilizing its powerful capabilities in image analysis and feature identification.

- **Page Replacement Algorithm- Os Virtual Lab** | *Python, Google colab , Tinker* **January 2021 - May 2021**
  - Collaborated with team members to develop a graphical user interface (GUI) application for visualizing various Page Replacement Algorithms.
  - Developed functionalities to simulate and demonstrate the behavior of different page replacement algorithms, fostering a deeper understanding of their performance characteristics.

- **Heart Disease Prediction** | *Google colab, sklearn libraries* **September 2021 - December 2021**
  - Led a project focused on predicting heart diseases using advanced machine learning techniques, specifically Random Forest and Logistic Regression models.
  - Applied scikit-learn libraries for machine learning model implementation, leveraging the robust capabilities of Random Forest and Logistic Regression algorithms.

Technical Skills

Languages: C, C++, Python, JavaScript, SQL, CSharp, DotNet
Developer Tools: VS Code, Eclipse, Google Colab, pycharm
Technologies/Frameworks/ Libraries: NodeJS, React, ExpressJS, Django, Angular
Databases: MySQL, MongoDB, SQL-SERVER

Certificates

Web Development Boot camp (70 hours) **August 2021**
Platform: Udemy

Version Control With Git **April 2021**
Platform: Coursera

Achievements

- Codechef Highest Rating 1742 (3 stars)
- Secured 48th Rank in Ninja wave 2.0 Coding Event (Jan. 2021)