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LinkedIn , Github

EDUCATION

Degree	Institution	CPI	Year
M.Tech	IIT Gandhinagar	8.30	2022-present
B.Tech	NMIT, Bengaluru	9.20	2016 - 2020

EXPERIENCE

Teaching Assistant, IIT Gandhinagar **[Dec 2023 - present]**

- **Computer Organization & Architecture:** Guided a class of 70+ students and assisted the professor in assignment gradings.
- **Introduction to Computing :** Conducted **Python Tutorial Labs** for freshmen students.

Application Development Engineer, Accenture , Bengaluru **[Nov 2020 - Aug 2022]**

- **Automation :** Designed, developed, and implemented **automated solutions** using **RPA** tools and **Python scripts**, achieving **98% task automation** and optimizing business processes across multiple systems with successful implementation of **locking mechanisms** resulting in significant time and cost savings.
- Facilitated **API integration** for daily automation results and exceptions, enabling seamless feeding of data to the dashboard.
- Conducted **feasibility studies** to evaluate various tasks for automation.
- **Collaborated** with **cross-functional teams** to assess the potential benefits and risks.

Summer Intern, MindMatrix Pvt. Ltd, Bengaluru **[Jun 2019 - Aug 2019]**

- Explored multiple machine learning models on credit card transaction dataset from kaggle to detect fraudulent transactions using **scikit-learn** to study behavior of different models on the dataset.[Link]

PROJECTS

EEG 2 Emotion: Classifying EEG signals into Emotions **[FEB 2023 - May 2023]**

- Devised EEG Based Emotion Classification system incorporating **LSTM** and **GRU.**
- Incorporated Birdy654 EEG brainwave dataset consisting of positive, negative and neutral states of preprocessed data.
- Achieved an **F1 score** of 96% using LSTM which was found to be better than GRU.

FaceFusion: EIgenfaces for face recognition [Link] **[Oct 2022 - Nov 2022]**

- Utilized the AT&T Database of Faces as the primary dataset for training and evaluating the face recognition model.
- Developed a face recognition system based on the Eigenfaces algorithm, as outlined in the paper by M. A. Turk and A. P. Pentland, achieving an accuracy of 82.05%.

ESHOPPY: Mini Ecommerce Platform **[DEC 2021 - JAN 2022]**

- Designed and developed a fully functional e-commerce website using **MVC architecture** and **Entity Framework** for seamless integration and efficient object-relational mapping.
- Utilized **SQL** as the underlying database to ensure robust data storage and retrieval for the platform.
- Implemented different views for admin and user roles, allowing administrators to access and manage the product catalog, while users can browse and add items to cart securely.

SKILLS

Languages: C++, Python, HTML, SQL
Tools and Libraries: Git, Pytorch, Scikit-Learn, Numpy, Pandas, Matplotlib, SciPy
Technical: Deep Learning, Machine Learning**,** RandomForest, SVM, KMean clustering, RNN, Transformers

ACHIEVEMENTS

- Solved over 500 coding questions across various online platforms, including LeetCode, Coding Ninjas, Codeforces, codechef etc.
- Awarded full **fellowship** by the High Commission of India for the duration of the B.Tech program along with monthly in hand stipend.[Link] [2016-2020]
- Ranked among the **top 15** students in the B.Tech computer branch among a batch of 200+ students.[2020]