ADARSH PRABHU B

Vellore Institute Of Technology

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EXPERIENCE

Research Intern - VIT Chennai
Deep Learning

📅 August – October 2023   ⚲ Online

- Developed a novel deep learning model achieving an accuracy of 96.64%.
- Designed a custom track within the model, resulting in an accuracy of 92%.
- Utilized transformer architectures for improved performance.

TECHNICAL SKILLS

- Cloud computing, Machine Learning, Full Stack Development, Open Source
- C, C++, Python, Java, JavaScript, SQL, React, HTML, CSS, MongoDB, NodeJS, ExpressJS

PROJECTS

VLEAVE
- **ReactJs | ExpressJS | Postgres DB | NodeJS | Bootstrap**
- VLEAVE was conceived in response to a tangible challenge in the real-world context—a pressing need for an effective online leave application system. Constructed on the PERN stack, this solution incorporates personalized login pages, an intuitive interface, and streamlined processes for leave application and tracking.

YelpCamp
- **HTML | NodeJS | ExpressJS | MongoDB | CSS**
- YelpCamp is a full-stack website enabling users to create and review campgrounds. Developed with HTML, CSS, NodeJS, Express, MongoDB, and Bootstrap, it supports account-based interactions for editing and deleting campground images and comments.

GraphReader
- **Python**
- Led the development of a Python script for image analysis and graph processing. Implemented preprocessing techniques, dynamic cropping, and line detection to accurately extract numerical data from visual graphs. Applied advanced filtering and visualization methods, culminating in a final graph representation

Machine Learning Portfolio
- **Python | scikit-learn, TensorFlow, PyTorch | NumPy, Pandas | Matplotlib, Seaborn | Jupyter Notebooks**
- A comprehensive collection of machine learning projects showcasing proficiency with various algorithms. Projects encompass diverse applications, highlighting skills in data preprocessing, model implementation, and result analysis. Demonstrates a broad understanding of machine learning concepts and their practical application across multiple domains

EDUCATION

B.Tech. (CSE) - 9.18 CGPA
Vellore Institute Of Technology

📅 August 2021 – Currently

Higher Secondary - 98.66%
Karnataka state board

📅 2019-2021

Secondary - 93.80%
Central Board of Secondary Education

📅 2018-2019

CERTIFICATIONS

1. **AWS Certified Solutions Architect:** Validates skills in designing and implementing complex, secure, and scalable cloud solutions on AWS
2. **AWS Certified Cloud Practitioner :** Gained foundational knowledge of AWS with this recognized certification.
3. **Full Stack Web Development :** Gained full-stack web development skills through comprehensive course.
4. **Data Science and Machine Learning :** Gained proficiency in Python for data science and machine learning.

ACHIEVEMENTS

- Selected for the college team at Smart India Hackathon (SIH) after winning the internal hackathon.
- Ranked in the top 10 in an open-source club's Ideathon.

PROFILES

Github:
`https://github.com/adarshprabhu03`

Leetcode:
`https://leetcode.com/adarshbvr/`

LinkedIn:
`https://www.linkedin.com/in/adarsh-prabhu-0892561a9/`