Pranit Lonkar

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https://github.com/Pranit1504

EDUCATION

- **B.R.A.C.T's Vishwakarma Institute of Information Technology , Kondhwa | B.Tech** *Expected July 2025*
  Department - Artificial Intelligence and Data Science (4th Yr)
  Current CGPA - **9.2**
- **The Orbis School , Keshavnagar , Pune | CBSE | 12th Class (HSC)** *July 2021*
  Percentage - **90%**
- **VP's Magarpatta City Public School , Pune | ICSE | 10th Class (SSC)** *March 2019*
  Percentage - **97.2%**

TECHNICAL SKILLS

FRONT-END DEVELPOMENT - HTML | CSS | Bootstrap | JavaScript | jQuery | React | Next.js
BACK-END DEVELOPMENT - Node.js | Express.js | EJS | MySQL | MongoDB | Mongoose
PROGRAMMING LANGUAGES - Python | Java | JavaScript

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification by Andrew Ng, *Udemy*
- Python Data Structures and Algorithms + LEETCODE Exercises by Scott Barrett, *Udemy*
- The Complete Web Development Bootcamp by Angela Yu, *Udemy*
- Backend Web Development Bootcamp using Node.js and Express by Shaurya Sinha, *DevtTown*
- Data Analytics with Specialization in Tableau Workshop by Shiva Vashishtha, *Jobaaj*

PROJECTS

Alzheimer's Detection using Deep Learning | Python | Deep Learning | Web Dev *Current*
Under the guidance of Prof. Swapnil Shinde, VIIT Pune MH

Contributed in a deep learning project aimed at early-stage Alzheimer's detection using Convolutional Neural Networks (CNN).The project involves:

- Developing and training a CNN model to classify MRI images into relevant categories using TensorFlow or PyTorch frameworks.
- Designing and implementing a web application interface to facilitate user input of MRI images and display prediction results.

Story Generator using Generative AI | Python | LLM | AI/ML *February 2024*

- Contributed in the development of a sophisticated story generator leveraging Generative AI technology. Utilized the TinyLLama Language Model (LLM) as the foundation and fine-tuned it with a proprietary dataset of prompts and stories. This process involved training the model to dynamically generate stories based on user inputs.

Blog Website - CuriousCafe | HTML | CSS | JavaScript | Next.js *August 2023*

- Developed a robust full-stack blogging platform utilizing Next.js for the frontend and MongoDB for backend storage. Implemented secure user authentication and CRUD operations for blog management, ensuring data integrity and user privacy.
- Designed and integrated intuitive category exploration and search functionalities, enhancing user experience and engagement. Demonstrated proficiency in Next.js architecture and best practices, resulting in a scalable and efficient application design.

Library Management System | C++ | File Handling *May 2023*

- Developed and implemented a library management system, optimizing core housekeeping functions and enhancing member services.
- Utilized file handling techniques for data storage and management.

Voice Screen Lock | Python | Speech Recognition *May 2022*

- Developed a screen lock system utilizing speech recognition technology for user authentication by implemented audio analysis modules to validate device ownership based on voice input, enhancing device security.

Coursework - BTech Artificial Intelligence and Data Science

FY - Fundamentals of Programming, Computational Science, Python, C /C++, Quantitative Aptitude, Logical Reasoning
SY - Microprocessors, DBMS, Adv. Data Structures, Computer Networks, OS, Web Technology, SE, Data Visualization
TY - AI, Cloud Computing, Data Science, Machine Learning, NLP, Generative AI, AR/VR, Image Processing, MVA