Abhishek Pote

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Education

BTech Artificial Intelligence and Data Science	*CGPA 8.69*
Vishwakarma Institute Of Technology, Pune	June. 2024
Higher Secondary School Certificate (HSC)	*80.33 %*
Abasaheb Garware College, Pune	Feb' 2021
Secondary School Certificate (SSC)	*86.20 %*
Sadhvi Preetisudhaji International School, Rahata	Feb' 2019

Experience

AI-ML Senior Technical Member   *Team QUARK, VIT Pune*

- Contributing to open-source projects in the domain of Machine learning.
- Took a workshop on Deep Learning

Technical Skills

Programming   Python, C, C++, Object Oriented Programming ,SQL, Machine Learning

Soft skills   Teamwork, Time Management, Leadership, Communication

Projects

Digital Shopping Cart | Python (Machine Learning)

- A shopping cart that automatically recognizes the products and adds them to your bill, using image recognition.
- It uses various technologies like Image Processing by using OpenCV and TensorFlow library in Python and integrating them with microprocessor, cameras, and loadcell to create the digital shopping cart.

Fund Trail Analysis Tool | Python (Machine Learning)

- A fund trail analysis tool which was able to track down accounts involved in a scam by a recursive algorithm, and it was able to convert bank statements from any format to one single format. The project was done for the Rajasthan Police.

Spell Checker | C Programming

- Implemented using C programming and data structures, primarily a hash map, for spell checking and correction, reads a word dictionary from text file then stores it in a hash map and suggests corrections for misspelled words.

RAG-Based Chatbot for Monument Information Retrieval Using Efficient Net B7 and Llama-2-7B | Python (Deep Learning)

- The application will firstly classify the uploaded image of a monument, using an Efficient Net B7 CNN for classification.
- Then the user can engage in a conversational question-answering session with a RAG-based chatbot powered by the Llama-2-7B language model.

Grocery Management System | Python, DBMS

- Developed GUI application which helps vendors to maintain all records of sales and items.
- By using python programming with MySQL connectivity this grocery management system has been developed.

Achievements

- **Winner of Stratagem National Level Hackathon (04/2023 - 04/2023)**
- **Inspiron 2.0 CSI COEP TECH National level Hackathon IOT Domain winner (04/2023 - 04/2023)**
- **Selected for Top 10 in International Vois Hackathon**
- **Selected for Top 30 in National level Smart Pune Health Hackathon**
- **Rajasthan Police Hackathon 1.0 Finalist**

Extra-Curricular

Atmabodh Volunteer

- VIT Social Welfare and Development October 22 • Volunteered in Atmabodh, a digital literacy program for women and senior citizens. This included teaching for 10days, and publicizing the event.

Social Summer Of Code (SSOC) 2023

- Proud contributor to Algorithms , a distinguished repository with 500+ stars, making significant contributions to various algorithms.

Publication

- Successfully published a paper on **Hospital Management System**, International Research Journal of Mechanical Engineering, Vol.7 No. 7 July, 2022
- Successfully published a paper on **Digital Shopping cart and automatic billing system** published in   Scopus indexed Book
- Successfully patented technology of Digital Shopping cart and automatic billing system, POTE, Abhishek M. "**A DIGITAL SHOPPING CART WITH AN AUTOMATIC BILLING SYSTEM**." Patent Number 2023/08939 was issued on 27 September 2023.
- Successfully published a paper on **Enhancing Healthcare Delivery in India: Emergency Medical Care and Patient History Management**.