Vishal Sale

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Aspiring AI Engineer with Expertise in Python and Web Development

SUMMARY

Aspiring AI/ML Engineer with a **BE** in **Information Technology** from **Savitribai Phule Pune University**, graduating with an **8.08 CGPA**. Skilled in web development with hands-on experience from two internships and proficient in Python, demonstrated by building a text editor. Completed an internship at Infosys Springboard, focusing on AI projects such as The Art of Visual Storytelling, leveraging advanced AI models for image recognition and narrative generation.

WORK EXPERIENCE / INTERNSHIP

INFOSYS SPRINGBOARD **[March 2024 – Present]**
AI Project Intern
- Leading an **AI** internship project focused on **The Art of Visual Storytelling**, utilizing advanced **image recognition** and **natural language processing** techniques.
- Spearheading the development of a software solution leveraging **Hugging Face DETR Model** and **OpenAI models**, achieving **90% accuracy** in **object detection** and **narrative generation**.
- Implemented AI models for image recognition and NLP using **Python** and **PyTorch**, enhancing storytelling techniques by **20%**.

OASIS INFOBYTE **[April 2023 - May 2023]**
Web Development & Designing Intern
- Gained hands-on expertise in **front-end web development**, mastering **HTML**, **CSS**, **JavaScript**, **Bootstrap** and **React**.
- Created an interactive web project from scratch, integrating advanced **UI/UX** design principles and technical skills, improving user engagement by **40%.**
- Engineered dynamic web applications, including a **Landing Page and Temperature Converter**, using HTML, CSS, and JavaScript, resulting in **50%** faster load times.

INTERNPE **[February 2023 - March 2023]**
Web Development Intern
- Completed a web development internship, designing and developing interactive Websites like **Dice Game, Number Guessing Game, and Calculator**, improving coding efficiency by 30%.
- Through this experience, I gained hands-on knowledge in web development and enhanced my proficiency in technologies such as HTML, CSS, JavaScript and Bootstrap.

PROJECT

- **Major Project**
1. **Text Editor: GitHub**
   - Developed a **Python-based text editor** software similar to Notepad using the **tkinter library**, available for Windows and Linux users.
   - **Features**:
     1) Changing Themes **(Light Default, Light Plus, Dark, Red, Monokai, Light Blue)**
     2) **Count Words** and **Characters** by default
     3) **Showing/Hiding**: Tool Bar & Status Bar

2. **The Art of Visual Storytelling Project: GitHub**
   - integrated **DETR** for object detection and **GPT-3.5-turbo** for scenario generation, creating coherent visual stories from images.
   - **Technologies Used**: Utilized **Python**, **PyTorch**, **Transformers** (**Huggingface**), **Pillow** (**PIL**), and **OpenAI API**.

3. **Book Auction Marketplace: GitHub**
   - Created a website for students to buy and sell old books, **HTML, CSS, Bootstrap, JavaScript, Django and SQLite**.
   - **Implemented Auction System**: Built a bidding feature allowing multiple users to bid on books, ensuring the highest bidder wins.
   - **User Authentication and Listings**: Enabled user registration, authentication, and book listings with photos and detailed descriptions.
   - **Real-time Bidding Updates**: Integrated real-time updates for bidding status using **Dynamic Pricing Algorithm**, enhancing user experience.
   - **Cost-saving Educational Resource**: Facilitated a platform for students to save money on educational expenses through book resales.

- ➢ **Mini Project**

1. **Temperature Converter:** [Website](#)
2. **Traveling:** [Website](#)
3. **Dice Game Website:** [Website](#)
4. **Number Guessing Game (Choose Number between 1 to 100):** [Website](#)
5. **Calculator:** [Website](#)

EDUCATION

January 2021 - June 2024

Dhole Patil Education Society Dhole Patil College - Pune, Maharashtra
BACHELOR OF ENGINEERING | INFORMATION TECHNOLOGY
BE CGPA: - 8.08

April 2019 - May 2020

Matoshri Bhagubai Bhambare Science Junior College – Ahilyanagar, Maharashtra
HSC
Percentage: 70.92%

April 2017 – March 2018

ZPHS LONI SAYYADMEER - Loni S, Maharashtra
SSC
Percentage: 83.00%

CERTIFICATIONS

- ➢ [**Crash Course on Python**](#), Coursera
- ➢ **The Complete 2024 Web Development Bootcamp,** Udemy
- ➢ [**Introduction to Git and GitHub**](#), Coursera
- ➢ [**Problem Solving Techniques**](#), LinkedIn
- ➢ [**Artificial Intelligence Primer Certification**](#)**,** Infosys Springboard

SKILLS

- Python 3
- HTML
- CSS
- JavaScript
- Bootstrap 5
- Git, GitHub and Version Control
- SQL
- Django