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Aspiring AI Engineer with Expertise in Python and Web Development

SUMMARY

Aspiring AI/ML Engineer currently pursuing a **BE** in **Information Technology** from **Savitribai Phule Pune University**. Skilled in web development with hands-on experience from two internships and proficient in Python, demonstrated by building a text editor. Currently interning 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- Present
Dhole Patil Education Society Dhole Patil College - Pune, Maharashtra
BACHELOR OF ENGINEERING | INFORMATION TECHNOLOGY
BE-Sem-I: SGPA: - 8.50

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