Jayesh Gulani

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WORK EXPERIENCE

Superteams.ai — **Indore, Madhya Pradesh**
AI Developer Intern — **Aug 2024 – Present**

- Developed an image generation feature utilizing Flux.1, enabling users to create visual content through prompt-based inputs.
- Designed and integrated multiple APIs to streamline data interactions between the backend and frontend, enhancing application efficiency.
- Engineered the backend of the website using Python and Django, ensuring robust functionality and scalability in line with industry best practices.
- Worked with Apache Spark and NVIDIA RAPIDS to optimize large-scale data processing, leveraging GPU acceleration to improve data throughput and reduce processing time.

Prodigy Infotech — **Indore, Madhya Pradesh**
Software Development Intern — **June 2024 – July 2024**

- Developed key projects like Web Scraping, Sudoku Solver, and Contact Management System.
- Gained skills in Python programming, data processing, and algorithm development.
- Enhanced user interface design and problem-solving abilities through practical applications.

Alteryx — **Indore, Madhya Pradesh**
Intern — **July 2024**

- Completed an internship focused on data analytics and manipulation using Alteryx.
- Earned certificates: Alteryx Foundation Micro-Credential and Alteryx Designer Core Micro-Credentials in General Knowledge, Data Preparation, Data Manipulation, and Data Transformation.

PROJECT WORK

Product Barcode Generation Website — **Feb 2024**

- Developed a web application using Python Django, HTML, CSS, and JavaScript for managing product details.
- Implemented dynamic barcode generation using the EAN13 standard and integrated barcode scanning for easy product access.
- Created a user-friendly interface for adding and managing product details stored in a database.

Movie Recommendation System — **May 2024**

- Developed a recommendation system using Python to suggest movies based on cosine similarity of movie features.
- Utilized libraries such as Pandas, NumPy, and Scikit-learn for data manipulation and similarity calculations.
- Implemented functions to recommend top similar movies, enhancing user experience by providing personalized suggestions.

Food Item Recognizer — **Aug 2024**

- Developed a CNN model using InceptionV3 to classify food items and estimate calorie content from images.
- Implemented image preprocessing and data augmentation to enhance model accuracy on the Food-101 dataset.
- Utilized TensorFlow and Keras for model development and training, demonstrating proficiency in cloud-based machine learning environments.

EDUCATION

Bachelor of Technology in Information Technology + Artificial Intelligence — **Aug 2021 – Present**
Medi-Caps University, Indore, Madhya Pradesh

High School Diploma — **Apr 2020**
Choithram School North Campus, Indore, Madhya Pradesh

TECHNICAL PROFICIENCY

Languages: Java, Python, C/C++, MySQL, JavaScript, HTML/CSS, R
Frameworks: Django, Flask
Developer Tools: Google Cloud Platform, VS Code, Visual Studio, PyCharm, Jupyter
Libraries: pygame, Pandas, Scikit-Learn, TensorFlow, PyTorch, BeautifulSoup, Keras, NumPy

CERTIFICATES

- Data Structure in Java *(View)*
- Python *(View)*
- Accenture North America Data Analytics and Visualization Job Simulation *(View)*

ACHIEVEMENTS

- Earned entrepreneurship training certification under Dr. Vivek Bindra, recognized for hosting the world's largest entrepreneurial YouTube channel.
- Recognized for leadership and organizational prowess as a key participant in E-submit, where I led a team of volunteers and managed various aspects of the event.