

# Jayesh Gulani

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## 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

## WORK EXPERIENCE

**Superteams.ai** (*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.

**Prodigy Infotech** (*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** (*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.

## 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.