

WORK EXPERIENCE

Superteams.ai

AI Developer Intern

Indore, India

Aug 2024 - Present

- Implemented an advanced image generation feature utilizing Flux.1 technology, enabling users to create diverse visual content through both text-to-image and image-to-image generation. This innovation resulted in a 40% increase in user engagement and expanded the platform's creative capabilities. Authored a comprehensive blog post on [fine-tuning-flux.1 Blog](#), which garnered over 5,000 views and demonstrated expertise in AI image generation techniques. The blog contributed to a 25% increase in community engagement and fostered knowledge sharing among AI developers.
- Optimized data flow by designing Python and Django APIs, boosting application efficiency by 80%, resulting in faster response times and smoother user experience. Launched a comprehensive developer website ([network.superteams.ai](#)) featuring API documentation, resources, and a courses tab for client-posted learning materials. Configured PostgreSQL for robust database management. Integrated an AI-powered resume extractor to parse key information like top skills and experience, enhancing the platform's functionality for both developers and recruiters
- Optimized big data processing by implementing Apache Spark with NVIDIA RAPIDS, leveraging GPU acceleration to achieve up to 50% faster execution times on data operations, significantly improving the efficiency of large-scale data analysis.

Prodigy Infotech

Software Development Intern

Indore, India

June 2024 - July 2024

- Completed key projects including a web scraper (automating data collection by 60%), a Sudoku solver with 95% solution accuracy, and a contact management system with an enhanced user interface, improving user satisfaction by 40%.
- Gained proficiency in Python programming, data processing, and algorithm development, and strengthened analytical capabilities through hands-on applications, contributing to streamlined data handling and user interface improvements.

Amber Designer – Co-Founder & Entrepreneur

Fashion & Accessories Startup

Indore, India

2018 - 2023

[www.amberdesigner.store](#)

- Established a scalable apparel rental platform, forming strategic logistics partnerships to serve over 10,000 customers and drive 20% annual revenue growth, expanding operations from one to five outlets across major markets.
- Led cross-functional initiatives within Amber Group to enhance affordability through horizontal integration, resulting in a 100% increase in customer demand over five years and substantial improvements in customer retention.

PROJECT WORK

Product Barcode Generation Website

- Constructed a web application to streamline product management and barcode generation for efficient inventory processes. This application included database management for handling over 1,000 product entries and ensured seamless barcode scanning functionality.
- Implemented data validation techniques to guarantee accurate barcode generation and scanning. This led to a 70% reduction in manual product lookup time, significantly improving operational efficiency and inventory management.

Movie Recommendation System

- Developed a recommendation system using Python to suggest movies based on cosine similarity of movie features, leveraging libraries like Pandas, NumPy, and Scikit-learn for data manipulation and similarity calculations.
- Achieved 85% recommendation accuracy by implementing cosine similarity, significantly enhancing user experience through personalized movie suggestions that aligned with user preferences.

Food Item Recognizer

- Crafted a deep learning model to classify food items and estimate calorie content, designed for health-conscious users. The model utilized TensorFlow and Keras, leveraging the InceptionV3 architecture and cloud-based training on Google Colab.
- Addressed dataset imbalance in the Food-101 dataset through data augmentation, improving model performance by 80% and increasing classification accuracy for food items, enabling more reliable calorie estimation for users.

EDUCATION

Bachelor of Technology in Information Technology + Artificial Intelligence

Medi-Caps University

Indore, India

Aug 2021 - Present

High School Diploma

Choithram School North Campus, Indore, Madhya Pradesh

Indore, India

Apr 2020

TECHNICAL PROFICIENCY

Languages: Java, Python, C/C++, MySQL, JavaScript/TypeScript, HTML, CSS

Frameworks & Libraries: Flask, Django, pygame, Pandas, Scikit-Learn, TensorFlow, PyTorch, Keras, NumPy, NVIDIA RAPIDS

Developer Tools: Linux, Git, Apache, GitLab, Terraform, Postman

Databases: MySQL, Azure AI Search, PostgreSQL