

## WORK EXPERIENCE

### **Superteams.ai**

*AI Developer Intern*

**Indore, India**

Aug 2024 - Present

- Implemented an advanced image generation feature using Flux.1 technology, enabling text-to-image and image-to-image creation. This innovation increased user engagement by 40% and expanded platform capabilities. Authored a technical blog on [fine-tuning-flux.1](#), attracting 5,000+ views and fostering developer community engagement
- Optimized a comprehensive Django-based API system for [network.superteams.ai](#), implementing course management, job posting, and AI-powered parsing. Integrated Graylog for centralized logging and monitoring, enabling real-time error detection and performance tracking. This improved platform efficiency by 80% and reduced job posting creation time by 70%.
- Launched a centralized developer platform with API documentation, resources, and custom authentication systems, increasing developer productivity by 60% and reducing support inquiries by 45%. Integrated an AI-powered resume extraction feature using OpenAI's API, streamlining the recruitment process and decreasing unauthorized access attempts by 90%.
- 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, Pandas, Scikit-Learn, TensorFlow, PyTorch, Keras, NumPy, NVIDIA RAPIDS, REST APIs

**Developer Tools:** Linux, Git, Apache, GitLab, Terraform, Postman, Docker, CI/CD

**Databases:** MySQL, Azure AI Search, PostgreSQL