Rudraksh Saraf

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SUMMARY

B.Tech student in Artificial Intelligence and Machine Learning with experience in developing AI-driven applications, backend systems, and automation solutions. Proficient in Python, Django, Node.js, TypeScript, as well as RESTful API design. Skilled in integrating AI models with scalable architectures, optimizing system performance, and implementing web scraping solutions using Selenium and MongoDB. Experienced in Agile methodologies and API development with high test coverage. Proven ability to lead cross-functional teams. Passionate about AI, automation, and building efficient, data-driven applications.

SKILLS

- Programming And Development	Python, Django, REST APIs, Node.js, TypeScript, MongoDB, PostgreSQL, VectorDB, Pinecone, Postman, Agile(Jira), StreamLit, Numpy, Pandas, Matplotlib, Sklearn, CNN, Arduino, HTML, CSS
- Graphic Designing	Canva - Logos, Posters, Banners, Flyers, Mock-ups, etc
- Soft Skills	Teamwork, Problem Solving, Critical Thinking, Leadership, Team Management, Communications, Public Speaking

WORK EXPERIENCE

AI & Backend Developer Intern @ Baari Labs   January 2025 - Present

- Built a **Django**-based document verification application using Pinecone vector DB, OpenAI, Gemini and Tailwind, reducing document validation time by **10x**.
- Developed an **AI-powered chatbot** with a Node.js/Express/TypeScript backend and React frontend, optimizing document data retrieval.
- Implemented **web scraping solutions** using Selenium, Beautiful Soup, and MongoDB to automate data collection and enhance AI-driven insights.
- Expertise in **Python, Django, Node.js**, and **AI** model integration for **scalable, high-performance backend architectures**.

Content Design and Lead Intern @ HighScores.AI   January 2024 - September 2024

- Led a remote team of **10+** interns, creating and reviewing **100+** SAT/ACT assessments.
- Managed **10+** content projects in a non-technical environment using **Agile methodology and Jira**.
- Designed **50+** digital assets, including educational graphics and marketing materials.
- Enhanced skills in **team leadership, project management, and graphic design**.

EDUCATION

B.Tech in Artificial Intelligence And Machine Learning	**MITS Gwalior**
2021 - 2025	(CGPA: 7.68/10.0)
Class 12th ISC Board	**Christ Church School ISC, Jabalpur**
2020	(91.4%)
Class 10th ISC Board	**Christ Church School ISC, Jabalpur**
2018	(80.8%)

PROJECTS

Profiles REST-API   [rsxxiv/profiles-rest-API](#)

Designed and implemented RESTful APIs for user profile management, supporting **5+** endpoints for including authentication, profile creation, updates, and retrieval. **Django REST Framework** to achieve modularity and scalability. Ensured **90%** test coverage for API reliability, optimized response times, and automated deployment workflows using Vagrant and Python scripting

PreSense-AI   [rsxxiv/PreSense-AI](#)

This system utilizes a webcam to recognize faces in real-time with a pre-trained CNN model for high accuracy. OpenCV for smooth detection, user-friendly visuals display live status and personal information which is all stored in a cloud database

MyMovieRecommender   [rsxxiv/MyMovieRecommender](#)

Leveraged content-based recommendation systems to design a movie recommendation engine. This system analyzes movie attributes (genre, director, actors) to suggest similar titles to users based on their preferences.

CERTIFICATIONS

Responsible & Safe AI Systems - **NPTEL Online Certification**   Jul-Oct 2024

Python For Data Science - **NPTEL Online Certification**   Jul-Aug 2023

Cyber Security & Privacy - **NPTEL Online Certification**   Jul-Oct 2023