Arshit

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OBJECTIVE

Motivated and meticulous backend developer with practical experience in Django, API development, and integrating AI/ML models into web applications. Enthusiastic about crafting scalable backend systems and applying large language models (LLMs) to solve real-world problems. Eager to bring strong technical expertise and creative thinking to a dynamic software engineering environment.

PROFESSIONAL EXPERIENCE

Software Engineer (Python/Django developer)   09/2024 – present | Delhi, India
IncuPad India Pvt. Ltd.

- Developed and maintained RESTful APIs using Django REST Framework to support robust backend services.
- Integrated large language models (LLMs) such as Cohere, OpenAI, Gemini, and Anthropic into chatbot systems and automated form-processing workflows.
- Designed and implemented a multi-agent chatbot tailored for legal research and case analysis.
- Executed end-to-end data workflows, including extraction, cleaning, and validation of large-scale datasets for accurate and reliable processing.

Junior Software Engineer   02/2024 – 08/2024 | Mohali, India
JW Infotech

- Worked on AI-based applications; integrated ML and LLM models into Django backend.
- Collaborated on multiple features in agile team environments.

AI intern   08/2023 – 01/2024 | Mohali, India
Omninos Technologies PVT. LTD.

- Developed deep learning models for real-time classification and prediction tasks.
- Gained experience in neural network tuning and dataset preparation.

SKILLS

Python   **Django**

Django REST   **Large Language Model (LLM)**

Artificial intelligence   **C++**

Machine Learning   **Deep Learning**

Web Development   **Natural Language Processing**
Front End and Back End

                                                              Langchain

HTML ,CSS & JS
                                                              tensorflow

Retrieval-Augmented Generation (RAG)

Pytorch

PROJECTS

Medical chatbot (Chatbot)

Medical Chatbot Developed a smart healthcare chatbot that predicts possible diseases based on symptoms provided by users. Used **Natural Language Processing (NLP)** and **deep learning** to interpret input and match it against disease patterns. Deployed within a full-stack **Django** web app with a responsive frontend. **Tech Stack:** Python, Django, Deep Learning, NLP, JavaScript, HTML, CSS **Key Features:**

- Symptom-driven diagnosis system
- Contextual disease information with descriptions
- Preventive health advice generation
- Chat-based UI for interactive experience

Smart CV

Built an intelligent resume-matching web application to streamline job fit analysis. Users can upload a resume and a job description in either document or raw text format. The system uses Natural Language Processing (NLP) to extract skills from both files and calculates how closely the resume matches the job requirements. It also identifies missing skills and allows users to add them, instantly updating the match percentage for improved alignment.

Tech Stack: *Python, Django, NLP ,Spacy, HTML, CSS, JavaScript*

Key Features: *Resume-job matching score, skill extraction, missing skill suggestions, dynamic match recalculation.*

EDUCATION

Bachelor of Technology   2020 – 2024 | Sahibzada Ajit Singh Nagar, India
Chandigrah Group of collages Jhanjeri , Sahibzada Ajit Singh Nagar, Punjab 🔗
80%

Senior School Examination   2019 – 2020 | Ambala, India
Air Force School Ambala Cantt
88.6%

Secondary School Examination   2017 – 2018 | Ambala, India
Air Force School Ambala Cantt
81.4%

CERTIFICATES

Introduction to deep learning   **python mastering**
                                                      with numpy for data science and machine learning

LANGUAGES

Hindi   **English**
Native or Bilingual Proficiency   Full Professional Proficiency

HOBBIES

Chess | Cricket | Body Building | Volleyball