Prathak Garg

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EDUCATION

IIIT VADODARA
Computer Science and Eng.
Dec 2020 | Present
Gandhinagar, Gujarat
GPA: 8.15 / 10.0

SGGSCPS
Senior Secondary - Non Med.
March 2018 | April 2020
Chandigarh, India
Percentage: 91.4 / 100

COURSEWORK

Machine Learning
Artificial Intelligence
Information Retrieval
Software Engineering
Data Analysis and Visualization

SKILLS

LANGUAGES
Python • C • Javascript • R • C# • SQL

FRAMEWORKS
Django • ReactJS • PyTorch • Tensorflow • Flask • fastAPI

TOOLS
Git • Docker • OpenAI

SOFT SKILLS
Event Management •Leadership •Emotional Intelligence •Writing

ACHIEVEMENTS

ELECTROTHON 4.0 - 2022
NIT Hamirpur
1st Position - 200+ Participants

DEVHACK 3.0 - 2022
IIT Dharwad
2nd Position - 200+ Participants

AWS AI & ML SCHOLARSHIP
Including 1 on 1 Mentorship
Selected in top 500 worldwide

CAPTURE THE FLAG
IIIT Vadodara
3x 1st Position - 100+ Participants

EXPERIENCE

AUTODESK INDIA | Associate Software Development Engineer
Jan 2024 - Present
- Engineered an interactive RAG-based chatbot to streamline user assistance during cloud service migration.
- Designed and implemented a system leveraging OCR and GPT-4-vision for image-based content retrieval within the knowledge base.
- Created a grievance/feature report full stack pipeline to allow users to easily manage status reports and associated information
- Demonstrated strong teamwork and collaborative fluency while working with the project team.

WYSE | Machine Learning Intern
May 2023 - July 2023
- Interned at Wyse, a professional networking platform to connect users over shared interest. Performing various AI-focused tasks aimed at enhancing the app's features and functionalities.
- Engineered a transformer-based community creation feature to automatically group users based on their occupations and education history using DBSCAN, improving user engagement and collaboration by 20%.
- Created an automated pipeline for extracting Reddit posts and implemented a smart natural language search feature using MongoDB Atlas and Langchain.
- Collaborated effectively with a team of 11 professionals, demonstrating strong communication and teamwork skills.

PROJECTS

AUDIO PERSONALITY EMULATOR (APE) | 2023 (Ongoing)
PyTorch · Pandas · ReactJS
Trained a GAN-based Neural Network that can create voice snippets of personalities it has been trained on. In its current phases, only incoherent sounds are produced.

IYOJNA | 2022
Django REST Framework · Flutter · Next.js · Tensorflow
Developed an android app which provides consumers with comprehensive information about government schemes and the ones best applicable to their needs.

MULTIPURPOSE ADMINISTRATION BOT | 2021
Python ·Django ·Linux ·Selenium ·Discord.py
Built and deployed a Website and Bot to remotely supervise and manage our servers showing detailed view of ram usage, data usage accompanied by a remote console to send commands

CHEGG SCRAPER | 2021
Python ·Django ·BeautifulSoup ·Discord.py ·MongoDB
Built a Web Scraper to collect answers from specific links and compile them into a PDF. This was later integrated into a discord bot

CERTIFICATIONS

Year	Certification	Provider
2023	Mathematics for Machine Learning	Goldman Sachs	Coursera
2023	Computer Science Fundamentals	Goldman Sachs	Coursera
2023	AI Programming with Python	AWS	Intel	Udacity
2022	6th Summer School of AI	IIIT Hyderabad