Vansh Oberoi
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Education

Guru Nanak Dev University -State Government University   **Aug. 2022 – June 2026**
Bachelor of Technology in Computer Science & Engineering   *Amritsar, Punjab*

Experience

AI Engineer │ *GenAI (openai, google-ai-studio, deepseek) , Django Server , Bootstrap, AWS Sagemaker, Docker*   **Dec 2024 – April 2025**
EaseMyMed

- developed multiple API's , Image-to-Text , Image-to-Image.
- finetuned AI models like deepseek.
- Worked with pdfs, docx, xlsx, all types through code
- Used AWS Sagemaker to develop and deploy models
- Made Technical Documents
- used tech platforms like AWS Sagemaker, GCS , Docker

Yours Could Be the next here
-   *anytime, anywhere*

Projects

Bombay House Price Prediction Site n Model │ *Python, ML, Streamlit, AWS Cloud, NginX*   **August 2024**
- Built a Bombay house price prediction model using Python and machine learning techniques.
- Utilized Streamlit to create a web application that hosts the model for user interaction.
- Deployed the application on AWS Cloud, ensuring reliable hosting and scalability.
- Configured Nginx as a reverse proxy to serve the Streamlit application efficiently.
- The model predicts house prices based on BHK, square footage, and location parameters, considering approximately 25 locations and a variable range of square footage.

Official Site Link Scraping from Name │ *Python, Selenium, google-library, beautiful-Soup, Multiprocessing, Threads* **August 202**
- Led a backend project to scrape official bank links using only the bank's name as input, automating data extraction.
- Implemented the Google library for efficient scraping after researching alternatives like APIs and Selenium.
- Explored multithreading and multiprocessing, ultimately applying multiprocessing for better performance.
- Gained insights into web scraping, backend processes, and optimization techniques through hands-on research and application.

Technical Skills

Languages: Python, C++, C, HTML/CSS, SQL
Developer Tools: VS Code, Vim, Git, Android Studio, AWS Sagemaker
Technologies/Frameworks:Scikit-learn, Beautiful-Soup, Tensor-flow, OpenCV, ComputerVision cv2, Linux, Google-Colab, Django

Leadership / Extracurricular

ECell   **Spring 2022 – 2023**
Design Team Head   *G.N.D.U.*

- Served as the Design Team Head for GNDU E-Cell, leading a team of 4 members.
- Collaborated with team members to create numerous innovative designs for various projects.
- Managed and guided the design team while working closely with other teams, including the Tech Team and Marketing Team.
- Gained valuable experience in teamwork, design management, and cross-team collaboration.

ARAMBH startup   **Aug 2024 – Oct 2024**
Backend Team Learner   *G.N.D.U.*

- Served as a lead at Arambh startup, collaborating with colleagues from the ECE department of GNDU University.
- Applied and tested my Python knowledge through various backend projects assigned by the team.