

PRATHAM JAIN

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<https://github.com/prathamj937>

EDUCATION

Dronacharya College of Engineering
B-Tech Computer Science *GPA: 7.0*

Gurgaon
September 2022 - August 2026

WORK EXPERIENCE

EY

GenAI Intern

Gurgaon (onsite)
June 2025 - Present

- Developed a Markdown-to-DOCX converter API using FastAPI, which preserves formatting for outputs generated by LLMs.
- Built a RAG-based chatbot, where I implemented context-aware responses using a vector database and Redis for caching.
- Built a document classification pipeline, which includes OCR scanning using Azure and predicts if a document is confidential, public, or medical in nature.
- Deployed a ResNet model using NVIDIA Triton Inference Server to enable high-performance, scalable inference for image classification tasks.
- Working on a POC to embed Apache Superset into a React application via module federation.

SKILLS

Programming Languages:	Python, Shell Scripting (basic), R, HTML
Databases:	MySQL
Machine Learning & Deep Learning:	Scikit-Learn, PyTorch, OpenCV, Tensorflow, Transfer learning
Natural Language Processing (NLP):	NLTK, Transformers
Team Collaboration Tools:	Git, Github
Data Analysis and Visualization:	Pandas, Numpy, Matplotlib
Deployment & DevOps:	Docker, AWS, Triton
Operating System:	Linux, Windows
LLMs and RAG:	LangChain, RAG

PROJECTS

FashionAI *React Tailwind CSS, Pre Trained CNNs, Flask, Pytorch, MySQL, Tensorflow-Keras*

https://github.com/prathamj937/Fashion_Recommendation_Website___

A unique, proprietary technology designed to seamlessly integrate with any e-commerce platform and revolutionize the way people experience fashion online.

IntelliSort *Python, CNN, Transformers, BERT*

AI-based system that uses Azure OCR and machine learning to automatically classify scanned documents into Public, Financial, PII, Confidential, or Medical categories.

Conversational Image Recognition Chatbot *Tkinter, Git, Javascript, Flask, Tensorflow, Transformers*

<https://github.com/prathamj937/Conversational-Image-Recognition-Chatbot>

Developed a conversational image recognition chatbot combining computer vision and NLP for image interpretation.

Customer-Churn-Prediction *Tensoflow-Keras, Python, React Tailwind CSS, Flask*

<https://github.com/prathamj937/Customer-Churn-Prediction>

This project predicts whether a customer will churn based on 11 input features. It uses a Keras neural network model served via Flask and a user-friendly frontend for interaction.

ACHIEVEMENTS

EA Virtual Internship

Forge

Virtual internship in Software Engineering with practical use of Data Structures.

API King

DCE-Deviators

Received Award for innovative use of API Market proprietary APIs in a project; honored with a cash prize and trophy for outstanding implementation.

National-Level Aptitude Achievement

CodingNinjas

Secured All India Rank (AIR) 16 in a national-level Aptitude Test conducted by Coding Ninjas.