Priyanshu Mudgal

Software Engineer
Bachelor of Technology
Dronacharya College of Engineering, Gurugram

📞 +91-9319710134
✉ priyanshumudgal175@gmail.com
⭘ GitHub Profile
🖿 Portfolio

EXPERIENCE

- **Credent Infotech Solution LLP** — *Delhi*

  Software Engineer — April 2025 - Present
  - Developed time series forecasting system with React.js frontend and Django backend, using chronos-t5-large models to predict 6-month volume projections with 85% MAPE accuracy.
  - Built a multi-tenant OCR system integrated with Salesforce and SAP VIM, using custom fine-tuned ML models to achieve 95% accurate document text extraction and structured data transformation.
  - Implemented CI/CD pipelines for automated deployment and testing, reducing release time by 30%.

  Machine Learning Intern — March 2024 - March 2025
  - Developed a Business Operation Management System (BOMS) using React.js for frontend and Django for backend, improving operational efficiency by 30%.
  - Engineered a real-time face recognition system by designing and implementing custom CNN architecture, resulting in 94% accurate multi-face detection across both image and video inputs, with 200ms response time and SQL database integration supporting 100+ identity profiles.

- **Maruti Suzuki India Limited** — *Gurugram*

  Data Analyst Intern — June 2023 - July 2023
  - Conducted comprehensive analysis of financial year call management dataset using Python (NumPy, Pandas, Matplotlib).
  - Identified key patterns and generated actionable insights that led to 15% improvement in call handling efficiency .

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering(AIML)** — *2021-25*

  Dronacharya College of Engineering, Gurugram — CGPA: 8.2

PERSONAL PROJECTS

- **InterviewAiHub - Interview Preparation Platform** 🔗
  - Developed a full-stack AI-powered interview preparation platform using Next.js and Django REST API, implementing 6+ features including resume analysis, AI-driven cover letter generation, mock interviews, and 50+ domain-specific skill assessments; supported 100+ concurrent users and scaled to 1000+ registered users.
  - Engineered an intelligent LLM-based interview question generator that analyzes resume–job description pairs to create 30+ personalized questions; optimized MySQL database and scalable architecture reduced document processing time by 40% and enabled real-time model interactions with <3s response time.

- **RAG Document Intelligence App** 🔗
  - Built an end-to-end, multi-tenant RAG app with OCR ingest (TXT/PDF/DOCX/images), embeddings + vector index with MMR retrieval, LLM Q&A with cited chunks/scores, summarizer, RAGAS grading, metrics/logging, and strict user/session isolation.
  - Tech: Django/DRF, React (Vite), FAISS, BGE embeddings, Gemini, Vision OCR, Bootstrap.

TECHNICAL SKILLS

Programming Languages : Python, Java, C, SQL, JavaScript, HTML, CSS
Machine Learning & AI : Deep Learning, Predictive Modeling, Statistical Analysis, Computer Vision, NLP, Data Preprocessing, Feature Engineering, Model Evaluation
Libraries & Frameworks: : TensorFlow, Keras, PyTorch, Scikit-learn, NumPy, Pandas, Matplotlib, NLTK, OpenCV, React.js, Django, Flask
Cloud/Databases: Firebase, Relational Database(mySql), Salesforce
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Tools & Platforms: Jupyter Notebook, Google Colab, Visual Studio Code, Git, GitHub, CI/CD Pipelines.

ACHIEVEMENTS

- **1st Runner-Up** Innovation Design & Entrepreneurship Bootcamp(Phase II) at IIT Jammu. — *2025*
- **1st Position** Data Prophet (Hackathon) Organized by IIT BHU, Varanasi. — *2024*
- **Finalist** Hack to crack National level Hackathon organized by VIMEET, Maharashtra. — *2024*
- **1st Position** Innovate and Iterate (Hackathon) organized by IIIT, Sri City, Andhra Pradesh. — *2023*
- **2nd Position** Hack-o-relay organized by GDSC—DCE. — *2022*