

Priyanshu Mudgal

Software Engineer

Bachelor of Technology

Dronacharya College of Engineering, Gurugram

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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.
- Developed a multi-tenant web-based OCR system by implementing custom fine-tuned ML models, resulting in 95% accurate extraction and transformation of document text into structured data formats.

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 full-stack AI-powered interview preparation platform using Next.js and Django REST API, implementing 6+ core features including resume analysis, cover letter generation, and mock interviews to serve 100+ concurrent users.
- Created comprehensive skill assessment functionality featuring 50+ domain-specific quizzes across multiple technologies, alongside AI-powered cover letter generation that transforms user resumes and job descriptions into tailored application documents.
- Engineered an intelligent interview question generator using LLM models that analyzes resume-job description pairs to produce 30+ personalized questions.
- Deployed scalable architecture supporting 1000+ registered users with efficient MySQL database design, reducing document processing time by 40% and enabling real-time LLM model interactions with average response time under 3 seconds.

TECHNICAL SKILLS

Machine Learning & AI : Deep Learning, Predictive Modeling, Statistical Analysis, Computer Vision, NLP, Data Preprocessing, Feature Engineering, Model Evaluation

Programming Languages : Python, Java, C, SQL, JavaScript, HTML, CSS

Libraries & Frameworks: TensorFlow, Keras, PyTorch, Scikit-learn, NumPy, Pandas, Matplotlib, NLTK, OpenCV, React.js, Django, Flask

Cloud/Databases: Firebase, Relational Database(mysql)

Relevant 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

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