

# Dhruv

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## Education

**KIET Group of Institutions**, B.Tech in Computer Science and Engineering Nov 2022 – June 2026

- GPA: 8.9/10.0

## Experience

**Trainee**, DESIDOC, DRDO – Delhi Jan 2025 – Present

- Developed an AI-powered customer support agent using NLP and LLMs, improving query resolution efficiency.
- Built data analysis pipelines to process large datasets for intelligent search and forecasting.

**Python Developer**, Turing – USA, WA Oct 2023 – Present

- Optimized LLM-based applications, enhancing response accuracy by 35%. Designed and automated data-driven reports to support forecasting and business insights.

**Data Science Intern**, Enshrine Global Systems – Remote July 2024 – Nov 2024

- Engineered AI-driven forecasting models to optimize business planning. Automated form-filling & chatbot workflows, reducing manual effort by 40%.

**Machine Learning (OCR) Intern**, Business Quant – Ghaziabad June 2023 – Sept 2024

- Developed and fine-tuned OCR models, increasing document data extraction accuracy by 20%.
- Implemented custom NLP algorithms to analyze financial reports, reducing processing time by 30%.

## Projects

### Business Forecasting & Analytics System

- Developed long-term forecasting models to analyze customer demand trends.
- Integrated Power BI dashboards SQL databases for real-time data visualization.
- Tools Used: Python, SQL, Power BI, Excel, Pandas

**CyberRakshak | AI-based Cybercrime Prediction System** *github.com-/Cyber-Rakshak*

- Developed a cybercrime prediction model using deep learning, achieving 82% accuracy in risk assessment.
- Led a team of 5 developers, integrating the model with a Flutter-based app and Flask backend.
- Tools Used: TensorFlow, Keras, Flask, Flutter, Firebase, Python, Power BI

## SKILLS & COMPETENCIES

**Solved 500+ problems** on *leetcode.com/u/shine\_gupta17* & *CodeForces/Shinee\_guptaa*.

**Languages:** C, C++, Python, Cypher, Javascript

**Data Analysis Forecasting:** Pandas, NumPy, SQL, Power BI, Excel (Power Query, Pivot Tables)

**Frameworks:** TensorFlow, PyTorch, scikit-learn, NLTK, Flask

**Web & Mobile Development:** Node.js, React.js, Flutter, FastAPI, Flask

**Databases Cloud:** PostgreSQL, MongoDB, Firebase, Redis, AWS, Docker

**AI Machine Learning:** TensorFlow, PyTorch, scikit-learn, OpenCV, PaddleOCR, NLP (OpenAI API, LangChain, Hugging Face)

## ACHIEVEMENTS

**Winner – 5G Beyond Hackathon 2023** Awarded 1,00,000 for developing innovative telecom solutions.

**Ranked 87th Nationwide – Amazon ML Challenge**

**CyberRakshak Project** Managed a 5-member team, won Innotech 2023 Award for impact in cybersecurity.

**Scholarships:** AICTE Pragati Scholarship:50,000, Life's Good Scholarship :1,00,000 for academic excellence.