

# AKSHIT GANDOTRA

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## EDUCATIONAL BACKGROUND

### University of Petroleum & Energy Studies

B. Tech (Hons.) in Computer Science specialization AIML (CGPA : 8.90)

Dehradun, Uttarakhand IN

Aug 2021 – Present

## TECHNICAL SKILLS

**Languages & Frameworks:** Python, C, C++, Java, R, Scala, HTML/CSS, MySQL, Django, Flask, Streamlit, Gradio

**Tools & Technologies:** Linux, Git, Figma, Generative AI, LangChain, PyTorch, LLM, Big Data, NLP, Agile

## WORK EXPERIENCE

### KPMG India

Gurugram IN

Academic Trainee (Digital Risk and Cloud Sec)

Jan 2025 – Jul 2025

- Completed extensive training across domains including Power BI, Enterprise Infrastructure, PowerShell scripting, Cybersecurity, IAM, ESG Reporting, Auditing, GRC, BCP, & SAP ERP, building a strong foundation in enterprise systems & regulatory compliance.
- Collaborated on drafting data and AI security policies for a national initiative, worked on LLM red-teaming efforts, developed decks for showcasing digital public infrastructures, and co-developed an internal tool to visualize and summarize audit reports.

### Government of India

New Delhi IN

Machine Learning Intern

Jun 2024 – Aug 2024

- Developed a high-performance File Transfer Platform with Socket programming, doubling data transfer speeds, and enhanced Geospatial and QGIS projects with advanced spatial analysis, cutting processing overhead by 45%.
- Created a custom CNN model for Object Detection and Classification, achieving 92% accuracy and reducing processing time by 80% with efficient model pipelining.

### Afame Technologies

Remote

Data Analyst Intern

Apr 2024 – May 2024

- Leveraged data analysis to identify trends in employee demographics, performance, and retention, improving HR decision-making and predicting churn rate with 84% accuracy.
- Enhanced data quality through cleansing and created visualizations, increasing business optimization accuracy by 35%. Used Python and advanced statistical techniques to extract insights, identify trends, and develop 3 predictive models.

## PROJECTS

### Serenity Sphere : Mental Health Platform | Flask, ML

Developed an innovative mental health monitoring platform utilizing advanced technologies such as journal entry analysis and facial expression recognition, achieving 94% accuracy in LSTM and 82% accuracy in CNN.

### PDF Insight with DistilBERT | Python, ML, Streamlit

Extractive question answering from any PDF file using the DistilBERT model, achieving an 87% accuracy rate.

### Stock Sentiment Analysis from Headlines | Python, ML, Streamlit

Forecasted stock prices from Finviz headlines to analyze the stock sentiment with 89% accuracy using ML and forecasting techniques.

### Sensitive Information Blur App | ReactJs, Python, ML

Guided a team of 6 developers to build an ML web-app to analyze and blur sensitive information in documents.

### BreatheEasy: Air Quality Prediction Engine | Flask, ML, API

Developed a forecasting system utilizing SARIMAX and LSTM models for real-time AQI prediction. Achieved 92% accuracy with LSTM and provided an interactive dashboard for user insights and real-time data validation.

## EXTRACURRICULAR

Chapter Lead at Google Developer Student Club

Aug 2023 – Jun 2024

Lead Student Developer at OPEN Community

May 2023 – May 2024

Technical Sub-Executive at NSS UPES

Jan 2023 – Aug 2023

## CERTIFICATIONS & COURSES

PrivacyOps by Securiti Education

May 2025

AI Security & Governance by Securiti Education

May 2025

Microsoft AI-102 : Azure AI Engineer Associate

Jun 2024

Google Cybersecurity Professional Specialization

Jan 2024

Google UX Design Professional Specialization

Aug 2022

IBM Applied AI Specialization

May 2022