Utkarsh Upadhyay
Computer Science & Engineering
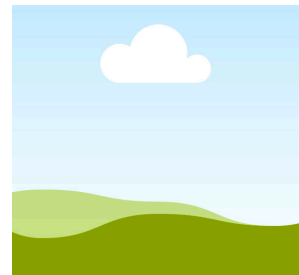
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CAREER OBJECTIVE

To pursue a challenging career where I can leverage my expertise in Python, Artificial Intelligence, Machine Learning, and Generative AI, along with cloud platforms like AWS and GCP, to design and deploy innovative, scalable, and impactful solutions that solve real-world problems while enhancing my technical and professional growth.

EDUCATIONAL QUALIFICATION

Course	Institute/ College	PERCENTAGE & CGPA	YEAR OF PASSING
B.Tech	Bansal Institute of Engineering & Technology	8.08 CGPA	2026
Intermediate	S.R Global School , Lucknow	80%	2022
High School	S.R Global School , Lucknow	86.4%	2020

Experience

Kreativetimebox   **May 2025 - Sept 2025**
Machine learning Intern   Hyderabad , India

– Built and deployed end-to-end document intelligence systems for parsing receipts, invoices, and bank statements .
– Developed RESTful FastAPI services for ML models (fraud detection, classification, anomaly detection), integrated with a Streamlit frontend.
– Followed Agile sprints, Git-based workflows, and collaborated with industry professionals in full-stack ML development.

Projects

- **SmartDoc Parser – Invoice & Bank Statement Extraction**   **Github Repo**
  - Developed an intelligent document parser for extracting structured data from financial documents.
  - Built an end-to-end pipeline using OCR tools (DocTr, PaddleOCR, Amazon Textract) and open-source chat models.
  - Implemented LLM-powered JSON generation for layout-agnostic field extraction and automated structuring.
  - Deployed on AWS EC2 with a Streamlit-based frontend for an interactive UI.

- **DigiSanjeevani**   **Github Repo**
  - Full-stack healthcare platform offering symptom analysis, report scanning, doctor appointment booking, chatbot, and   hospital locator.
  - Used Gemini API for intelligent medical insight generation; stored structured data in MongoDB for personalized health tracking.

SIGNIFICANT ACCOMPLISHMENT

- Serving as **Event Head (CSE Department),** organizing innovation events under the Institute Innovation Council with participation from IITs and Tier-1 institutes.
- Co-organizer, **GDG on Campus (BIET Lucknow)** – Managed event operations, hosted multiple developer events, and secured 5+ sponsorships.
- Selected as Campus Ambassador for **GeeksforGeeks,** driving coding culture through workshops and peer engagement initiatives.

Technical Skill

- **Languages**: Python, Java, C
- **Web**: FastAPI, Flask, Streamlit
- **AI/ML**: TensorFlow, scikit-learn, LangChain, OpenCV , HuggingFace , PyTorch , Langchain , Langgraph
- **Tools**: Git, Docker, Postman, VS Code, AWS, GCP , n8n , Microsoft Office tools.
- **Databases**: MongoDB, SQL

Strengths

- Effective communicator, skilled at presenting technical insights.
- Quick learner, adaptable to new technologies.
- Collaborative team player with leadership experience.

FIELDS OF INTEREST

- Artificial Intelligence & Machine Learning
- Generative AI & LLMs
- Cloud Computing (AWS & GCP)

LINGUISTIC PROFICIENCY

- English
- Hindi

PERSONAL INFORMATION

Nationality :   Indian
Date of Birth: 25-08-2005
Gender: Male
Marital Status: Single
Permanent Address: Sonbarsa , Bairia , Ballia , UP 277208
Hobbies :   Public Speaking, Volunteering, Traveling

Place: Lucknow

Utkarsh Upadhyay