

Kartikey Negi

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PROFILE

B.Tech CSE student with a strong foundation in **programming and problem-solving**, with experience **building web, desktop, and AI-based projects**. Working knowledge of C++, Python, JavaScript, and SQL, with a strong interest in software engineering, data analytics and AI.

EDUCATION

Jaypee Institute of Information Technology, *Noida* | 2024 – 2027

Bachelor of Technology in Computer Science and Engineering | CGPA: 6.85/10

Amity University Greater Noida Campus, *Greater Noida* | 2021 – 2024

Diploma in Computer Engineering | CGPA: 8.18/10

SKILLS

- **Programming:** C++, Python, JavaScript, SQL
- **Software Engineering:** Data Structures & Algorithms, OOP, DBMS, REST APIs, FastAPI
- **AI/ML:** Generative AI, Prompt Engineering, Scikit-learn, PyTorch, Pandas
- **Data & Visualization:** Data Analysis, PowerBI, Tableau, Matplotlib, Seaborn
- **Databases & Cloud:** MySQL, Firebase, Redis, Azure
- **Tools & Platforms:** Git, GitHub, Docker

CERTIFICATIONS

- **Cloud Computing Workshop** – IIT Delhi (Rendezvous 2024, Aug 24-25, 2024)
- **Organizational Behaviour: Individual Dynamics in Organization** – NPTEL (Gold + Top 1%), IIT Guwahati | Score: 97%
- **Talent Acquisition and Management** – NPTEL (Silver + Top 5%), IIT Roorkee | Score: 80%
- **Deloitte Data Analytics Job Simulation:** Completed a virtual Deloitte simulation involving data analysis, forensic technology tasks, dashboard creation in Tableau, and business insights generation using Microsoft Excel.
- **Deloitte Technology Job Simulation:** Completed a virtual technology job simulation involving software development, coding tasks, and preparing a proposal for dashboard creation and business-focused technical solutions.

EXPERIENCE

Data Analytics & Backend Engineering Intern | Brivo Labs Pvt. Ltd. | June 2026 – July 2026

- Built an **MCA corporate-registry ingestion pipeline** covering data collection, parsing, normalization, validation and database integration.
- Implemented **pagination, retries, rate limiting, provenance tracking and CIN-based incremental updates**, with structured logging and automated testing.
- Developed internal **REST APIs** for company-record querying and built **Krio.LexGov**, a regulatory intelligence platform for searching and analyzing SEBI enforcement orders.

Data Science Intern | Imarticus Learning Pvt. Ltd. | May 2026 – July 2026

- Used Power BI, SQL and Excel to analyze datasets, identify trends, and derive useful business insights.
- Performed EDA and applied machine learning techniques using Python to analyze data and support predictive decision-making.
- Collaborated with peers to divide analytical tasks, validate findings, and present key insights and recommendations through teamwork.

PROJECTS

SATARK: AI-Powered Disaster Management System [[Live](#)]

- Developed an AI-based disaster classification system for Floods, Cyclones, and Wildfires using Vision Transformers (ViT).
- Achieved **98.32% cyclone detection accuracy** and **94.39% flood classification accuracy**.
- Built a Flask-based dashboard with real-time disaster visualization and smart resource allocation using the Haversine formula.
- Implemented ML training, evaluation, and inference pipelines with ROC curves and confusion matrix analysis.

Professional Network Analytics & Graph Intelligence [[Github](#)]

- Processed and analyzed **2,400+ LinkedIn profiles**, extracting and structuring **10,000+ skill**, follower, and experience data points using Pandas, Regex, and AST parsing.
- Built a professional network graph with **2,400+ nodes** using **NetworkX**, computing PageRank, Degree, Betweenness, and Closeness Centrality metrics to rank top 15 influential profiles.
- Generated **20+ visualizations** including heatmaps, KDE plots, violin plots, and topology graphs using Seaborn and Matplotlib to identify networking and skill-demand trends.
- Achieved **100% successful numerical career-duration extraction** through automated Pytest validation pipelines for large-scale unstructured profile datasets.

Krio.LexGov: Public Regulatory Intelligence Platform [[Live](#)]

- Built a full-stack platform to **collect and organize 39 SEBI enforcement orders** into searchable records containing case, entity, penalty and regulatory details.
- Developed **FastAPI + SQLAlchemy backend services** for PDF extraction, data normalization, scheduled ingestion and REST API-based record access.
- Implemented **entity-based record lookup, penalty aggregation, duplicate handling and SHA-256 source tracking** for ingested documents.
- Built a **Next.js + TypeScript frontend** with full-text search, case details, entity profiles, regulatory analytics and an AI-assisted precedent search feature.