

SKILLS

Data Science & Analytics	Python (Pandas, NumPy, Scikit-learn), SQL (CTEs, Window Functions), Statistics (Hypothesis Testing, A/B Testing), Exploratory Data Analysis
Machine Learning	Regression, Classification, Tree-based Models, Model Evaluation (Accuracy, Precision, Recall, F1), Feature Engineering, Cross-validation
Data Visualization	Matplotlib, Seaborn, Power BI (Dashboards), Streamlit, Data Storytelling
Tools & Languages	Git, C++(DSA), Python, SQL, React, Linux/Bash
Domains	NLP (TF-IDF, Sentiment Analysis), Computer Vision (Basic), Data Analysis

PROJECTS

Resume ATS Analytics Platform	github.com/nandinisingh16/IsMyResumeCooked
Python, NLP, Streamlit, Machine Learning, Data Analysis	
<ul style="list-style-type: none"><li>Performed comprehensive exploratory data analysis (EDA) on skill distributions and job market trends, identifying the most in-demand competencies across tech roles.</li><li>Built an interactive Streamlit dashboard with real-time scoring and skill gap analysis, providing actionable insights for resume optimization.</li><li>Engineered features from unstructured resume data and implemented a complete ML pipeline from data cleaning to model deployment.</li></ul>	
YouTube Sentiment Analytics	github.com/nandinisingh16/sentimentAnalyse
Python, NLP, Data Analysis, Visualization	
<ul style="list-style-type: none"><li>Built a sentiment analysis system using TF-IDF and classification algorithms to analyze YouTube comments, achieving 82% accuracy in sentiment prediction.</li><li>Conducted statistical analysis to identify correlation between sentiment polarity and engagement metrics (likes, comment volume).</li><li>Created data visualizations to track sentiment trends over time and across different video categories.</li></ul>	
Human Activity Recognition System	github.com/nandinisingh16/ActionRecog
PyTorch, Computer Vision, Machine Learning	
<ul style="list-style-type: none"><li>Designed and trained a hybrid CNN-RNN model achieving 87% accuracy on UCF50 dataset for activity recognition.</li><li>Implemented comprehensive model evaluation including confusion matrices, precision-recall curves, and cross-validation.</li><li>Optimized model performance through hyperparameter tuning and feature engineering, improving inference speed by 25%.</li></ul>	

EXPERIENCE

Generative AI Intern	May 2025 — Jul 2025
PhotoGPT AI Startup	Remote
<ul style="list-style-type: none"><li>Conducted exploratory data analysis (EDA) on training datasets, identifying patterns and data quality issues.</li><li>Automated data preprocessing workflows using Python scripting, reducing manual effort by 30%.</li><li>Assisted in feature engineering and model evaluation for generative AI systems.</li></ul>	
Frontend Development Intern	Apr 2025 — Sep 2025
Evephoria	Noida, India
<ul style="list-style-type: none"><li>Revamped core UI with React 18 and TypeScript, reducing page load time by 20% and increasing user engagement by 10%.</li><li>Built responsive, reusable components that reduced UI-related bug reports by 35% through rigorous cross-browser testing</li><li>Collaborated with product team to define and implement tracking for key performance indicators.</li></ul>	

EDUCATION

Bachelor of Technology in Computer Science, Minors in Artificial Intelligence, Amity University, Noida	2022 — 2026 CGPA: 8.38/10
Relevant Coursework: Statistics, Machine Learning, Database Systems, Data Structures	

CERTIFICATIONS

- Machine Learning Specialization – DeepLearning.AI (Andrew Ng)
- IBM Data Science Professional Certificate – IBM
- Mathematics for Data Science and GenAI – Udemy

LEADERSHIP & ACHIEVEMENTS

- Hackathon Achievement: Top 5 in CyberCup 4.0 for designing an ML-based optimization pipeline.
- Hockey Team Captain: Demonstrated leadership and teamwork by leading university team to championship wins.
- Creative Head, IOT Alliance Club: Organized 5+ university tech events, showcasing project coordination skills.