

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
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Python, NLP, Streamlit, Machine Learning, Data Analysis

- Performed comprehensive exploratory data analysis (EDA) on skill distributions and job market trends, identifying the most in-demand competencies across tech roles.
- Built an interactive Streamlit dashboard with real-time scoring and skill gap analysis, providing actionable insights for resume optimization.
- Engineered features from unstructured resume data and implemented a complete ML pipeline from data cleaning to model deployment.

YouTube Sentiment Analytics	github.com/nandinisingh16/sentimentAnalyse
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Python, NLP, Data Analysis, Visualization

- Built a sentiment analysis system using TF-IDF and classification algorithms to analyze YouTube comments, achieving 82% accuracy in sentiment prediction.
- Conducted statistical analysis to identify correlation between sentiment polarity and engagement metrics (likes, comment volume).
- Created data visualizations to track sentiment trends over time and across different video categories.

Human Activity Recognition System	github.com/nandinisingh16/ActionRecog
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PyTorch, Computer Vision, Machine Learning

- Designed and trained a hybrid CNN-RNN model achieving 87% accuracy on UCF50 dataset for activity recognition.
- Implemented comprehensive model evaluation including confusion matrices, precision-recall curves, and cross-validation.
- Optimized model performance through hyperparameter tuning and feature engineering, improving inference speed by 25%.

EXPERIENCE

Generative AI Intern	May 2025 – Jul 2025
<i>PhotoGPT AI Startup</i>	<i>Remote</i>

- Conducted exploratory data analysis (EDA) on training datasets, identifying patterns and data quality issues.
- Automated data preprocessing workflows using Python scripting, reducing manual effort by 30%.
- Assisted in feature engineering and model evaluation for generative AI systems.

Frontend Development Intern	Apr 2025 – Sep 2025
<i>Evephoria</i>	<i>Noida, India</i>

- Revamped core UI with React 18 and TypeScript, reducing page load time by 20% and increasing user engagement by 10%.
- Built responsive, reusable components that reduced UI-related bug reports by 35% through rigorous cross-browser testing.
- Collaborated with product team to define and implement tracking for key performance indicators.

EDUCATION

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

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.