

Nikshey Yadav

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Portfolio: rhqknrte.manus.space • Cloud Skills Boost: [Google Cloud Profile](#)

PROFESSIONAL SUMMARY

Data-driven Computer Science student with extensive experience in data analytics, machine learning, and statistical analysis. Proven expertise in SQL programming, data visualization, and pattern recognition through multiple internships and 22+ hackathons. Strong problem-solving and critical thinking skills demonstrated through successful data science projects achieving 80-94% accuracy rates. Experienced with Google Workspace applications and collaborative data analysis workflows. Seeking to leverage analytical skills and technical expertise in the Google Data Analytics Apprenticeship program.

EDUCATION

B.Tech. Computer Science and Engineering **July 2023 – June 2027 (Expected)**

SGT University, Gurugram

CGPA: 8.26

Relevant Coursework: Data Structures, Algorithms, Machine Learning, Database Systems, Statistical Analysis

TECHNICAL SKILLS

Data Analytics & Programming: Python (Pandas, NumPy, Scikit-Learn, TensorFlow, Matplotlib), SQL, R, Statistical Analysis

Data Visualization & Tools: Matplotlib, Seaborn, Tableau, Jupyter Notebook, Google Looker, Excel

Cloud & Platforms: Google Cloud Platform, Google Workspace (Gmail, Sheets, Docs, Chrome, Drive), Netlify

Database Management: MySQL, PostgreSQL, Data Warehousing, ETL Processes

Additional Technologies: Git, Java (OOP), HTML, CSS, Flask, PyTorch

Model Development: Machine Learning, Deep Learning, Model Fine-Tuning (Gemma-3-27b, Gemma-3-1b-it)

PROFESSIONAL EXPERIENCE

Data Science Intern

July 2024 – August 2024

CodSoft

- Developed predictive analytics model for Titanic survival prediction using Python and statistical analysis, achieving 82% accuracy through advanced data preprocessing and feature engineering.
- Conducted comprehensive exploratory data analysis (EDA) to identify key survival patterns and correlations in historical datasets.
- Created detailed analytical reports and data visualizations for stakeholder presentations, demonstrating strong communication of complex analytical findings.
- Applied critical thinking skills to navigate ambiguous data quality issues and implemented suitable data cleaning solutions.

Data Science Intern

May 2024 – June 2024

TechnoHacks EduTech

- Developed machine learning classification models using Python and statistical methods for pattern recognition tasks
- Created interactive data visualizations using Matplotlib and analytical dashboards to present insights to cross-functional teams

- Collaborated independently and within team frameworks to optimize data pipelines, reducing processing time by 30%
- Applied problem-solving methodologies to resolve data quality challenges and improve model performance

Citizen Scientist - Data Analyst

September 2023 – March 2025

Zooniverse Black Hole Hunters Project

- Analyzed large-scale astronomical datasets from space and earth observatories to identify patterns in celestial objects
- Applied statistical analysis and pattern recognition techniques to detect black holes, neutron stars, and binary systems
- Contributed to collaborative research projects, enhancing analytical skills and scientific data interpretation capabilities
- Demonstrated ability to work independently while contributing meaningfully to team-based research objectives

KEY PROJECTS

AI Medical Diagnosis Analytics Tool - *Python, Machine Learning, Data Analytics*

- Developed comprehensive medical diagnosis prediction system using advanced analytics and machine learning algorithms, achieving 94% accuracy rate
- Implemented statistical models and data analysis techniques to process medical datasets and identify diagnostic patterns
- Deployed analytical solution for public access, demonstrating end-to-end data analytics project management
- *Project URL:* medvision-ai.netlify.app

Advanced Face Detection Analytics - *Python, TensorFlow, Computer Vision*

- Built real-time face detection system using statistical analysis and deep learning, achieving 90% accuracy in pattern recognition
- Applied data preprocessing techniques and model optimization strategies to improve performance across diverse datasets

Social Media Sentiment Analytics - *Python, NLP, Data Analysis*

- Created sentiment classification model using statistical analysis and natural language processing techniques with 88% accuracy
- Implemented data collection, preprocessing, and analysis workflows for social media data interpretation

News Authenticity Analytics System - *Python, Deep Learning, Text Analytics*

- Developed deep learning model for news classification and authenticity detection with 87% precision using advanced analytics
- Fine-tuned large language models (Gemma-3-1b-it) for text classification and pattern recognition tasks

ACHIEVEMENTS & LEADERSHIP

1st Place Winner - Ideation at Pradarshan 4.0 Tech Fest **2024**
SGT University

- Led cross-functional team of 5 members to develop innovative AI diagnosis analytics tool, recognized for analytical excellence and impact
- Demonstrated critical thinking and problem-solving skills by presenting complex data analytics solution to industry expert panel

Hackathon Analytics Specialist **2023 – 2025**

- Participated in 22+ data-focused hackathons including 2 international competitions, selected as finalist in 12 events
- Demonstrated exceptional analytical problem-solving abilities and collaborative teamwork in time-constrained environments
- Applied statistical analysis and data interpretation skills to develop innovative solutions for complex business challenges

PROFESSIONAL DEVELOPMENT

Member - International Society of Data Science and Analytics **July 2024 – December 2024**
SQL Programming Certification - [Udemy Certification](#)

LANGUAGES

English: Proficient (Technical and Business Communication) • **Hindi:** Native