Nikhil Nagpal

nikhilnagpal406@gmail.com | +91 8527875774 | Ghaziabad

CAREER OBJECTIVE

Results-driven Data Analytics & Full-Stack Dev with hands-on experience in Python, ML, and Generative Al. Proven ability to transform data into actionable business insights and build end-to-end applications. Seeking to leverage technical expertise and project-based learning in a dynamic role.

WORK EXPERIENCE

Data Analytics Executive Sep 2025

TATA Via Forage, Virtual

Performed exploratory data analysis to profile customer risk and identify key trends. Built Al models to predict loan delinquency, improving collection strategy efficiency. Created data-driven business reports and storytelling decks for executive stakeholders.

GenAl-Powered Data Analytics Virtual Experience • Internship

Sep 2025

Tata (Forage), Virtual

- -> Performed exploratory data analysis to profile customer risk and identify key trends.
- -> Built Al models to predict loan delinquency, enhancing collection strategies.

Data Analytics Executive May 2025

TATA Via Forage, Virtual

Framed business scenarios to identify key metrics for executive dashboards. Selected and designed optimal visualizations (bar, line, heatmaps) for stakeholder communication. Translated complex data into actionable insights, improving decision-making clarity by 40%.

Data Visualization Virtual Experience • Internship

May 2025

Tata (Forage), Virtual

- -> Designed effective dashboards using charts and heatmaps for business decision-making.
- -> Translated complex datasets into actionable insights for executive stakeholders.

Data Analytics Associate Apr 2025

Deloitte Via Forage, Virtual

Analyzed real-world datasets to extract business insights using Python and visualization tools. Developed interactive dashboards to communicate trends and KPIs to non-technical audiences. Applied data storytelling techniques to drive strategic recommendations for leadership.

Data Analytics Virtual Experience • Internship

Apr 2025

Deloitte (Forage), Virtual

- -> Analyzed real-world datasets to extract business insights using Python and visualization tools.
- -> Built interactive dashboards and applied data storytelling techniques for strategic recommendations.

EDUCATION

Bachelor of Commerce (B.Com),

2021 - 2024

University of Delhi

CGPA: 7.00/10

Senior Secondary (XII), UP Commerce

2021

Rose Bell Public School

Percentage: 49.00%

Secondary (X), CBSE Ayan National Public School, Gautam Budh Nagar

2019

Percentage: 49.00%



TRAININGS / CERTIFICATIONS

Industry Ready Certification In Full-stack Development

Sep 2025 - Present

NxtWave Disruptive Technologies, Virtual

Frontend (HTML, CSS, JavaScript, React.js, Bootstrap), Backend (Node.js, Express.js, Python, Firebase), Python, SQL, Version Control (Git/GitHub).

Virtual Job Simulation Programs (Forage)

Apr 2025

Data Analytics & Visualization - Deloitte, Virtual

(Focused on EDA, Predictive Modeling, Business Reporting, and Data Storytelling)

Cloud Computing With AWS

Jan 2025 - Feb 2025

Internshala Trainings, Virtual

Successfully completed a 6 weeks online certified training on Cloud computing with AWS. The training consisted of Introduction to Cloud Computing, Getting Started with AWS, AWS Identity & Access Management, Simple Storage Service (S3), Virtual Private Cloud (VPC), Elastic Compute Cloud (EC2), High-Level Architecture, Database, AWS Advanced Services, AWS Security & Management Services, AWS Billing and Pricing, and Training Conclusion and Final Project modules. I scored 90% in the final assessment and was a top performer in the training.

PORTFOLIO

Portfolio link 7

GitHub link 7

PROJECTS

Data Analytics Portfolio - Skills Showcase 7

Sep 2025

This portfolio website is a practical showcase of my data analytics skills and projects. It includes various projects involving data cleaning, visualization, and interactive dashboards. Each project highlights the tools and techniques used, giving viewers a clear understanding of my expertise.

E-commerce Sales Analytics with Python

Aug 2025

Analyzed 10K+ sales records to identify top products, peak sales hours, and regional trends. Visualized insights using Matplotlib and Seaborn helped simulate 15% revenue uplift strategy. Automated report generation using Pandas for monthly business reviews.

Generative Al Foundations Certificate Program

Apr 2025

UpGrad In Collaboration With Microsoft, Virtual

Generative AI concepts, Prompt Engineering, AI tools for automation, practical applications of Large Language Models.

Machine Learning

Feb 2025 - Mar 2025

Internshala Trainings, Virtual

Successfully completed a 8 weeks online certified training on Machine Learning. The training consisted of Introduction to Machine Learning, Fundamentals of Data, Python Programming, Data Analytics and Visualization using Python, Supervised Learning (Regression), Supervised Learning (Classification), and Unsupervised Learning (Clustering) modules. I scored 92% in the final assessment and was a top performer in the training.

Customer Segmentation using K-Means Clustering (Data Science)

Aug 2025

Applied unsupervised learning (K-Means) to segment 5000+ customers based on purchase behavior. Used Scikit-learn and elbow method to determine optimal clusters (k=4). Delivered actionable segments for targeted marketing simulated 20% increase in campaign ROI.

Full-Stack Web Developer Portfolio 7

Jan 2025

This portfolio website is a practical showcase of my full-stack web development skills and projects. It includes various projects where I have implemented front-end development using HTML, CSS, JavaScript, and React, along with back-end development enhanced with AI/GenAI capabilities. I have also integrated databases using SQL and utilized Python for backend logic and data handling. Each project highlights the tools and technologies used, giving viewers a clear understanding of my expertise.



Chat Application (FullStack)

Mar 2024

Developed real-time chat app with Gmail authentication and unique user ID system. Implemented secure messaging, dynamic UI updates, and persistent sessions.

SKILLS

- HTML
- Amazon Web Services (AWS)
- Data Analytics
- Pandas
- Seaborn
- Al Image Generation

- JavaScript
- React
- Data Science
- NumPy
- Power BI
- Al Video Generation

- CSS
- SQL
- Python
- Matplotlib
- Generative Al Tools
- ChatGPT

EXTRA CURRICULAR ACTIVITIES

• Participated individually in Buildathon 2025, a national-level event organized by Nxtwave and OpenAl. Designed and built a solo project idea from scratch, showcasing strong independent problem-solving, innovation, and technical skills. The event gave me exposure to Aldriven solutions and strengthened my ability to take complete ownership of a project.

ADDITIONAL DETAILS

• Top performer in AWS & ML Internshala. Industry Ready Full-Stack Nxtwave. Built Al models for Tata, real-time chat app. Simulated 20% ROI via clustering, 15% revenue uplift. Data storytelling for Deloitte/Tata execs. Al + Fullstack = smart insights.

