

# ASHMIT PANDEY

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## PROFESSIONAL SUMMARY

Aspiring Data Science Engineer with a strong foundation in machine learning, AI, and data analytics. Experienced in building end-to-end ML projects involving data preprocessing, model training, and evaluation. Proficient in Python, SQL, TensorFlow, and cloud technologies (AWS, GCP). Adept at applying statistical techniques, building predictive models, and working with real-world datasets. Actively involved in open-source learning and Kaggle challenges to stay updated with industry trends.

## EXPERIENCE

### AI/ML Engineer – Self-Initiated Projects & Academic Learning

Independent | Remote

June 2022 — Present

- Developed ML solutions for classification, regression, and NLP using Python and scikit-learn.
- Practiced version control and collaborative development via Git and GitHub.
- Built models on real-world datasets from Kaggle and public APIs.
- Focused on EDA, data cleaning, and full ML pipeline development.

## PROJECTS

### YouTube Transcriber & Q&A App

Jan 2025 — Mar 2025

- Built a web app for real-time YouTube video transcription and Q&A.
- Used NLP models, speech-to-text APIs, and YouTube Data API.
- Enabled timestamp-based interaction for educational enhancement.

### Desktop Voice Assistant (DVA)

Aug 2024 — Dec 2024

- Developed a voice assistant for desktop automation using natural language.
- Integrated SpeechRecognition, NLTK, pyttsx3 for voice interaction.
- Enabled offline and context-aware voice commands across platforms.

### Weather Forecast App

Mar 2024 — May 2024

- Created a real-time weather web app using Open Weather API.
- Built responsive UI with HTML, CSS, and JavaScript.
- Included location-based dashboards and severe weather alerts.

## CERTIFICATIONS

### Google Cloud Career Launchpad – Cloud Engineer Track)

April, 2025

- Gained hands-on experience with GCP services including Compute Engine, IAM, and Cloud Storage.
- Built and deployed containerized apps using Kubernetes basics and CI/CD practices.

### AWS Academy Cloud Architecting – AWS Academy

April, 2025

- Completed a 60-hour curriculum covering core AWS services like EC2, S3, RDS, and VPC.
- Designed scalable, cost-effective cloud architectures following industry best practices.

### Introduction to Data Science – Infosys Springboard

August, 2024

- Studied fundamental concepts in statistics, machine learning, and data exploration.
- Worked on data cleaning, transformation, and visualization using Python libraries.

### Introduction to Natural Language Processing – Infosys Springboard

August, 2024

- Implemented sentiment analysis and basic text mining using NLTK and spaCy.
- Learned key NLP techniques such as tokenization, stemming, lemmatization, and text classification.

## EDUCATION

### Bachelor of Engineering – Artificial Intelligence & Machine Learning

Universal College of Engineering, Mumbai University

June 2022 — May 2026 (Expected)

CGPA :

### Higher Secondary Certificate – PCM (CBSE)

ABS International School, Uttar Pradesh

June 2021 — July 2022

Percentage : 65.2%

### Secondary School Certificate – Mathematics (CBSE)

ABS International School, Uttar Pradesh

June 2019 — July 2020

Percentage : 73.6%

## SKILLS

**Programming Languages:** Python, SQL, HTML, CSS, JavaScript.  
**Libraries & Frameworks:** Pandas, NumPy, scikit-learn, TensorFlow, PyTorch.  
**Tools & Platforms:** Jupyter, Google Colab, PyCharm, Git/GitHub, Excel, PowerPoint  
**Cloud:** Google Cloud Platform (GCP), AWS.  
**Soft Skills:** Problem-solving, Team collaboration, Communication, Time management.