

## Aditya Bapat

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### PROFILE

- Detail-oriented AI Engineer with experience in Generative AI, NLP and LLM projects. Also experienced in fine tuning and building chat bots with LLM. I have relevant coursework in Data Science, ML, Generative AI.

### EDUCATION

VIT Bhopal University

**Bachelor of Technology** in Computer Science

2022 – 2026

- CGPA 8.68

### SKILLS

**Technical:** Generative AI, LLM Fine-tuning, Data Science, Deep Learning, Machine Learning, NLP ,Hugging face models, Keras.

### CERTIFICATIONS

- GEN AI Using IBM Watsonx– May'25 ([link](#))
- Applied Machine Learning in Python by University of Michigan – Dec'23 ([link](#))
- AWS Solutions Architect – Associate certification Program – May'25([link](#))
- NPTEL Privacy and Security in Online Social Media – Apr'24([link](#))
- Computer Vision by VITyarthi – May'25([link](#))

### PROJECTS

#### Sentiment Analysis of Product Reviews using LSTM Model

- Product Reviews dataset which has around 25000 customer reviews.
- Used Recurrent Neural Network model to train dataset for prediction.
- Further merged with LSTM for boosting the accuracy.

#### Built a Flight Delay Predictor

- Used US Domestic flight dataset.
- Trained using many deep and hidden layers for predicting delay.
- Used Re-LU activation function to avoid vanishing gradient and adam optimizer.

#### Built Ticket Support System

- Customer Support Ticketing System is a cloud-native web application.
- This project aims to demonstrate serverless architecture, scalability, and event-driven computing using AWS tools such as Lambda, API Gateway, S3, and DynamoDB.
- Made a support ticketing system in format suitable for customers for storing and displaying tickets with their ID.
- API gateway to connect html form for the customers to raise their queries for the tickets.

### EXPERIENCE

IBM

#### Generative AI Intern

Feb 25- Apr 25

- Worked on IBM Cloud account for various implementation of AI methods.
- Learned about Watsonx AI and its applications to real world using pre trained models of IBM cloud.
- Developed a project for generating next sentence using LSTM model.

Ethnus

#### Cloud Computing Intern

Feb 25 – Apr 25

- Worked on AWS-based cloud infrastructure project.
- Gained experience in deployment, scalability, and serverless computing

### ACHIEVEMENTS

- Participated and qualified for internal round of Smart India Hackathon 2024 also participated in BharatGenAI Hackathon.