

Aniket Kumar

+1 716-436-8247 | aniketjmsr98@gmail.com | [linkedin.com/in/anik005](https://www.linkedin.com/in/anik005) | github.com/Anikkk | [Portfolio](#)

EDUCATION

University at Buffalo

Master's in Computer Science

Buffalo, New York

August 2024 – December 2025

Relevant Coursework: Intro to Machine Learning, Data Intensive Computing, Design and Analysis of Algorithms, Deep Learning, Reinforcement Learning.

Vellore Institute of Technology

B.Tech in Electrical and Electronics Engineering

Chennai, India

March 2016 – May 2020

Relevant Coursework: Data Structure & Algorithms, Fuzzy Control & Neural Networks.

WORK EXPERIENCE

Applied Bell Curve

Bangalore, KA, India

Software Development Engineer-2

February 2023 - August 2024

- Utilized Flask for backend development across all aspects of the application, including Updating User details in DynamoDB, Fetching User details, and Handling user authentication during registration and login.
- Led the development of Applied Bell Curve's Flagship Dashboard using React.js, reducing load time by 30% and providing personalized User experience to the subscribed users.
- Implemented Secure User Authentication using AWS Cognito and optimized user navigation with AWS Route 53.

Wipro Technology

Bangalore, KA, India

Senior Data Engineer

September 2020 – January 2023

- Designed, developed, and maintained ETL mappings and workflows applying the business rules
- Designed, developed, and maintained Azure data pipelines using services such as Azure data factory, Azure blob storage, Data lake storage and Azure Data Pipeline to automate data ingestion, transformation, and loading tasks
- Monitored and troubleshooted data pipelines to ensure optimal performance and data integrity, proactively addressing any issues to minimize downtime and maximize productivity.

PROJECTS

Therapy.ai, UB-Hackathon

February 2025

- Created a prototype combining React, FastAPI, and fine-tuned LLMs on Ollama.
- Developed a framework for natural, empathetic AI conversation.
- Integrated AI-driven video generation for a more human-like interaction experience using D-ID
- Link [Therapy.ai](#)

RAG Discord Bot, UB-ALCLUB

October 2024

- Engineered a Discord bot using ChromaDB, FastAPI, and Celery for automated responses based on server discussions.
- Implemented Docker containerization for improved scalability and management.

AI Email Reply Generator(Chrome Extension)

November 2024

- A personal project I made where you can generate email responses based on the content of the email body.
- Utilized Gemini, FastAPI, and ReactJS for seamless user interaction.
- Integrated a user-friendly interface for efficient email management and automated replies.
- Link [AI Email Reply Generator](#)

SKILLS

Languages: Python, C/C++, Java, JavaScript.

Web & Frameworks: NextJs, ReactJS, FastAPI, TailwindCSS, MaterialUI

Databases & Big Data: MongoDB, PostgreSQL, Redis, DynamoDB, Hadoop, Spark.

Tools & OS: Git, Confluence, macOS, Windows, Ubuntu.