



Anish Maity

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🌐 <https://github.com/anish-expo> | 📍 Contai, West Bengal

EDUCATION

BS in Data Science and Applications
Indian Institute of Technology
Chennai, Tamil Nadu, Jan 2022 – Jan 2026
CGPA -7.65

M.Sc. in Electronics
Vidyasagar University
Midnapur, West Bengal, Aug 2020 – Aug 2022
CGPA – 8.8

B.Sc. in Physics
P.K college
Contai, West Bengal, Jul 2017 – Jul 2020
CGPA – 6.7

SKILLS

- **Programming Languages:** Python, JavaScript, SQL
- **Frameworks:** PyTorch, TensorFlow, Flask, VueJS, Celery
- **Tools & Platforms:** Git, Google Cloud Platform, VS Code, PyCharm, AWS
- **Generative AI & Tools:** RAG, LLM Fine-tuning, Transformers
- **Databases & Data Management:** SQLite, Redis, PostgreSQL
- **Data Science & Analysis Module:** scikit-learn, NumPy, Pandas, Matplotlib

CERTIFICATIONS

Data Visualization, IIT Madras
May 2023
<https://drive.google.com/file/d/1AMndHdtaL2QCS4acww5yVs9KMFIDZOG/view?usp=sharing>

SUMMARY

Aspiring data science and web development professional with hands – on experience in building web applications and implementing machine learning models. Skilled in data analysis, Python, and modern web technologies. Eager to apply technical expertise and creativity to deliver innovative solutions.

PROJECTS

AI Agent for Academic Guidance | Jan 2025 – Apr 2025

Python | Flask | VueJS, | SQLite | LLM | RESTful APIs | RAG architecture | Vector DB

- Developed an AI-based virtual learning guide tailored for the IITM BS program, enhancing student engagement on the SEEK portal..
- Engineered an AI-based virtual guide using RAG + Vector DB to answer course-related queries efficiently.
- Implemented Flask RESTful APIs for dynamic recommendations, reducing LLM dependency.

GitHub Link

Influencer Engagement & Sponsorship Coordination Platform | Sep 2024 – Dec 2024

Python | Flask | VueJS, | SQLite | Celery | Redis | MailHog

- Developed a platform enabling sponsor-influencer collaborations with secure negotiation and automated reporting.
- Optimized communication via Celery + Redis jobs, sending reminders and reports through email.
- Flask APIs are used to communicate between frontend and backend.

GitHub Link

Predict the Success of Bank telemarketing | Sep 2024 – Dec 2024

- Built ML models (Logistic Regression, Random Forest) to predict customer term deposit subscriptions.
- Achieved 72% accuracy with optimized features and cross-validation reliability.
- Implemented data preprocessing and feature selection to improve model performance.

GitHub Link

Music Streaming App | Jan 2023 – Apr 2025

Python | Flask | VueJS, | SQLite | Celery | Redis | MailHog

- Built a secure, role-based media platform (Admin/User/Creator) with Flask APIs and Vue3 frontend.
- Automated daily reminders and monthly usage reports via Celery + Redis scheduling.
- Implemented CRUD operations for songs and albums with role-specific permissions: Admins (manage content), Users (playlist features), and Creators (upload/edit media).

GitHub Link