

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.

Education

Indian Institute of Technology <i>BS in Data Science and Applications</i>	Chennai, Tamil Nadu 2022 – 2026
P.K college , Contai <i>B.Sc. in Physics</i>	Contai , West Bengal 2017 – 2020
Vidyasagar University <i>M.Sc. in Electronics</i>	Midnapur , West Bengal 2020 – 2022

PROJECTS

<u>Grocery Store Shopping Web App</u> Python Flask Jinja2 HTML SQLite	May 2023
<ul style="list-style-type: none">Developed a full-stack web application using with Flask serving a REST API with React as the frontendCreated a full-stack static shopping web app efficient operations .Backend developed by Flask , database is SQLite.frontend with jinja2 template.	
<u>Influencer Engagement & Sponsorship Co-ordination Platform</u> Python Flask VueJS, SQLite Celery Redis MailHog	Sep 2024
<ul style="list-style-type: none">Created a platform to connect Sponsors and Influencers so that sponsors can get their product/service advertised and influencers can get monetary benefit.Flask APIs are used to communicate between frontend and backend.Frontend with Vue3 adding some bootstrap for styling.There is a negotiation option via chat between Influencer and Sponsor.Celery for daily remainder and monthly report generator.Remainder and report send via email to every user.	
<u>Music Streaming App</u> Python Flask VueJS, SQLite Celery Redis MailHog	Jan 2023
<ul style="list-style-type: none">The application has three user roles: administrators and users and creator.<ul style="list-style-type: none">Admin can edit, and delete song and albums .Users can view song and album also add song to a playlist.Creator can add, delete ,edit song and album.Flask used to make APIs, with Vue3 and some bootstrap styling made the UI.Celery used to send daily remainder and monthly report via mail.	

[Predict the Success of Bank telemarketing](#) | Python / scikit-learn

Sep 2024

- Built predictive models to Bank telemarketing using logistic regression and random forest, achieving 72% accuracy.

[Business Data Management\(BDM\) Capstone Projects](#) | Python / Excel / Analysis

Sep 2024

- Conducted in-depth data analysis to support decision-making processes for business development.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, SQL

Frameworks: Flask, VueJS , Bootstrap, SQLAlchemy , Jinja2

Tools & Platforms: Git, Google Cloud Platform, VS Code, PyCharm, Celery

Generative AI & Tools: RAG, Fine-Tuning LLMs

Databases & Data Management: SQLite, Redis, PostgreSQL

Data Science & Analytics: scikit-learn, NumPy, Pandas, Matplotlib

CERTIFICATIONS

Data Visualization

2023

IIT Madras BS in Data Science Programme