



EDUCATION

Indian Institute of Technology, Madras

Bachelor's Degree in Data Science & Applications
(Jan, 2021 – Jan, 2025)

R.K.D College, Kankarbagh, Patna

I.Sc. (2017–2019)
82.8%

G.B.P.S Cantt Area, Gaya

Xth (2017)
9.6 CGPA

EXPERIENCE

Data Analyst Intern | Medical Network Pvt.Ltd.

(Jan, 24 – June, 24)

- As a **Data Analyst Intern**, I **analyze leads data** for the franchise model and other critical data related to **marketing, inventory, and business operations**. My role involves **extracting insights**, optimizing processes, and **supporting data-driven decision-making** to enhance overall performance.

Co-founder & CEO | TechoTians

(Aug, 23 – Dec, 23)

- As a Co-founder & CEO at **TechoTian**, I oversee a digital marketing company specializing in marketing, lead generation, **market research**, and **IT solutions**. Responsible for strategic planning, **business development**, and ensuring client satisfaction for company growth and success.

Graphic Designer & Content Researcher | LearnEverythingAI

(Jan, 23 – July, 23)

- Create **visually engaging content** and conduct in-depth research. **Design graphics**, **analyze trends**, and craft compelling content to enhance user experience and drive engagement.

SKILLS

Python Javascript VueJs SQL Java

Data Structure & Algorithms Flask OOPs

Machine Learning NumPy Pandas

Matplotlib scikit-learn seaborn

Business Data Management

ACHIEVEMENTS

- 100% Scholarship for my Bachelor's Degree at IIT Madras
- Got Highest percentage in PCM (Theory) Paper in college – 86.6% (XIIth Board)

HOBBIES

- Reading Books, Playing Chess & Cricket

PROJECTS

Machine Learning Project: Food Recipe Rating Prediction

Developed a predictive model to forecast **food recipe ratings** using a dataset of recipe names, reviews, and features.

Key Contributions:

- Conducted **Exploratory Data Analysis** (EDA).
- Preprocessed data: imputed missing values, scaled numerical features, encoded categorical data.
- Built and compared models like **Logistic Regression, Random Forest, KNN, Naive Bayes & SVC**.
- Achieved over **77% accuracy** | (**Logistic Regression**)

Skills: Data analysis and visualization | Feature engineering | Model selection and tuning | Python (scikit-learn, pandas, numpy)

Machine Learning Project: Diabeteasy

Developed a machine learning application to assist individuals in managing diabetes.

Key Contributions:

- Implemented key features such as **medication tracking, local doctor suggestions**, and **personalized dietary advice**.
- Integrated **Google Maps API** for finding **nearby healthcare professionals**.
- Used **HTML, CSS, Bootstrap, JavaScript, and Flask** for front-end and back-end development.
- Employed **logistic regression** to predict diabetes outcomes based on user input.
- Utilized **Gemini Pro's image models** for **nutritional suggestions** based on uploaded food images.
- Implemented **user authentication and session management** with **Flask-Login**.

Capstone Project: Optimization of Operations at Shanvi General & Dairy Products Shop

Methodology:

- Collected data on stock levels, sales, purchasing patterns, and customer feedback.
- Used statistical tools for trend analysis.
- Employed WBS, Gantt Chart, and data visualization.

Outcomes:

- Reduced stockouts by 30% with a predictive model.
- Cut customer service response times by 20%.
- Delivered comprehensive report with recommendations.

Library Management System

Key Features:

- User Functionality: Users can request, read, and return e-books.
- Librarian Functionality: Librarians can add sections/e-books and manage user access.
- Sections: Managed with ID, name, date created, and description.
- Books: Managed with ID, name, content, author(s), date issued, and return date.
- Automated Recommendations: System displays recently added sections/books or based on ratings.

Tech Stack:

Backend: Flask for API | **Frontend:** VueJS for UI | **Templating:** Jinja2 | **Styling:** CSS, Bootstrap | **Database:** SQLite | **Caching and Batch Jobs:** Redis and Celery

ROLES & RESPONSIBILITIES

- I organised & **Lead a 36-Hours Grand Hackathon at IIT Madras** Campus, demonstrating strong leadership & Event management skills while fostering innovation and collaboration among participants
- At **Nallamala House, IIT Madras**, I serve as the WebOps **Team Lead** and **Designer**. In this role, I lead a team responsible for website operations, ensuring seamless functionality and user experience. Additionally, I contribute to designing and enhancing web interfaces to align with organizational goals and user needs.