



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	M.TECH	IIT Kharagpur	7.97 / 10
2021	B.TECH	VNMKV Parbhani	7.23 / 10
2017	HSC	Maharashtra State Board	65.69%
2015	SSC	Maharashtra State Board	81.20%

INTERNSHIPS

Data Analyst Intern | OneHash | Indore

(May'23 –June'23)

- A B2B SAAS startup provides comprehensive solutions for streamlining business operations and improving efficiency.
- leveraged past customer data to suggest target strategies for enhanced **customer engagement** and Conducted Exploratory Data Analysis (EDA) on various datasets, providing insightful **analyses**.
- Analyzed user activity on the website using **Google Analytics** to evaluate website traffic performance and activity.

PROJECTS

M Tech Project | Evaluating Fish Fillet Freshness through Image Analysis. | Prof. Dibyendu Kamilya

(Aug'23-Present)

- Capture **temporal data** and enhance morphological features of fish fillets through data augmentation.
- Prediction of fish fillet freshness using **2D Fourier** Decomposition and machine learning methods.
- **Skills:** Python | Machine Learning | Deep Learning | Convolution Neural Network

Mortgage-backed securities prepayment risk using machine learning | YHills (Data Science intern)

(Mar'23-Apr'23)

- Led the construction resilient model through collaborative efforts with a team of 5 members.
- Executed Exploratory Data Analysis on a dataset containing 0.3 million rows and 28 features, coupled with **strategic feature engineering**.
- Developed a **classification model** to evaluate the risk of loans becoming severely delinquent for analysis, subsequently implemented a **regression model** to evaluate payment risk, achieved a result with an R-squared value of 0.878 and an effective mean square error of 0.6 using XGboost.
- **Skills:** Python | EDA | PCA | Financial domain knowledge | Machine Learning | Deployment

Duplicate Question Pair Detection using Machine Learning | YHills (Data Science intern)

(Mar'23-Apr'23)

- Aim was to develop an ML model capable of classifying question pairs as either duplicate or non-duplicate.
- Utilized **NLP** for advanced feature extraction, significantly boosting model performance in cross-validation for enhanced results.
- Developed a robust XGBoost model achieving a log loss of 0.3570 and an 82% precision, optimizing performance through cross-validation.
- **Skills:** Python | EDA | Visualization(T-SNE) | Fuzzy library | Machine Learning | Natural Language Processing

Forecasting retail sales using Time-Series Data | (Self)

(Jul'23)

- The objective was to use historical data to forecast new retail sales over the next 30 days.
- Conducted Exploratory Data Analysis (EDA) to comprehensively examine the dataset, visualize patterns, and preprocess the data for optimal modeling suitability.
- Utilizing traditional forecasting algorithms, specifically **ARIMA** and **SARIMA**, for optimal results.
- **Skills:** Python | Forecasting | Preprocessing | Visualization | Machine Learning | Deep Learning | Model Evaluation.

SKILLS AND EXPERTISE

Statistics | Data Analysis | Data Science | Machine Learning | Natural Language Processing | Convolution Neural Network | Visualization | Agriculture | Aquaculture

Programming Language: Python | SQL | C++ | R

Tools: Google Analytics

Database: MySQL

Libraries: NumPy | Pandas | Matplotlib | Seaborn | Scikit-learn | NLTK

Software: Tableau | MS-Excel | MATLAB

CERTIFICATIONS

- Complete Python Bootcamp from Zero to Hero in Python
- Python for Machine Learning & Data Science Masterclass
- 100 Days of Code: The Complete Python Pro Bootcamp
- DATA SCIENCE Course at YHills
- The Complete Data Structures and Algorithms Course in Python

COURSEWORK INFORMATION

Statistical And Machine Learning Methods in Water Resources Engineering

- Planning and design aquaculture farms
- Principles Of Fishing Technology
- Design of aquaculture facilities and equipment
- Water Quality Management

POSITIONS OF RESPONSIBILITY

Secretary Sports and Games | LBS Hall of Residence | IIT Kharagpur

(Sep'22-May'23)

- Demonstrated effective resource management, overseeing sports events with a budget of **1 million** Rs, ensuring successful outcomes.
- Successfully coordinated and oversaw sports events, adeptly handling player concerns and promoting teamwork to ensure smooth execution.

EXTRA CURRICULAR ACTIVITIES

- Valuable team member of the victorious inter-college kho-kho team, achieving **two gold medals** (UG).
- Designing team member of LBS Hall of Residence **Illumination and Rangoli** 2022, and other festivities.
- Active **volleyball** player specialized in the spiker position.
- Secured AIR-164 in GATE AG 2021