

# Shreyash Jaiswal

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**Summary:** Data Science, ML and Web Development enthusiast with hands-on experience in predictive modelling, NLP, and LLM-based projects. Passionate about using AI to solve real-world problems in finance, healthcare, and other domains.

## Education

### VIT Bhopal University (8.48 CGPA)

Integrated MTech in CSE with Specialization in Computational and Data Science

Bhopal, MP

Oct 2020 – Oct 2025

## Experience

### State Bank of India

Data Science Intern ([Certificate](#))

Navi Mumbai, MH

Apr 2024 – Jul 2024

- Analyzed a comprehensive dataset of over 100,000 education loan entries to develop predictive models, achieving an impressive 90% precision and enhancing the reliability of default predictions by 25%.
- Employed advanced machine learning techniques, including Logistic Regression and Random Forest, to build robust models that increased prediction accuracy by over 30% compared to baseline methods.
- Implemented sophisticated preprocessing methods such as Principal Component Analysis (PCA), resulting in a streamlined dataset that improved model efficiency and reduced processing time by 40%.
- Designed advanced machine learning algorithms, achieving an 85%+ accuracy model for loan default prediction, optimizing decision making and risk management.

### Equinox Labs

Logistics Intern ([Certificate](#))

Thane, MH

Dec 2024 – Jan 2025

- Coordinated the citywide collection of food, water, and air samples through collaboration with over 8 collection agents, achieving a flawless on-time sample collection rate of 100% while ensuring compliance with safety standards.
- Developed and implemented logistical plans that streamlined resource allocation across multiple locations, resulting in a substantial reduction in operational costs by 30%.
- Maintained an efficient tracking system for expenses and agent locations that enhanced visibility into logistics operations, improving overall resource optimization by 40% and facilitating timely decision-making for future collections.

### NxtWave Disruptive Technologies

Software Development Faculty Trainee

Hyderabad, TS

Oct 2025 - Current

- Engaged in a structured faculty training program focused on full-stack web development and generative AI, gaining hands-on experience with HTML, CSS, Bootstrap, Python, and GenAI fundamentals.
- Delivered both online and offline demo lectures to demonstrate programming concepts and teaching methodologies, while actively participating in fortnightly workshops to refine instructional and technical communication skills.
- Completed daily coding challenges, MCQ assessments, and project-based learning modules via the NxtWave portal, leading to enhanced technical fluency and readiness for real-world teaching and development roles.

## Projects

### Chronic Kidney Disease Prediction

Team Project ([Project Link](#))

Bhopal, MP

Jan 2023 – Mar 2023

- Engineered an end-to-end pipeline for Chronic Kidney Disease prediction using 25 medical attributes, achieving a 96%+ accuracy rate by applying robust data cleaning, outlier treatment, missing value imputation, and skewness correction techniques.
- Designed and benchmarked 12+ machine learning models (including SVM, XGBoost, CatBoost, Random Forest, and Stacking classifiers), improving F1-score by 14% post hyperparameter tuning with GridSearchCV.
- Integrated SMOTE for handling class imbalance, resulting in a 22% uplift in minority class recall, and validated model robustness using 5-fold cross-validation and AUC-ROC analysis (AUC > 0.98).

### Indian Legal Document Summarization

Individual Project ([Project Link](#))

Mumbai, MH

Jan 2025 – Apr 2025

- Fine-tuned a 406M parameter BART-large transformer on a curated Indian legal dataset of 11,278 documents, achieving 67.4% average compression ratio and maintaining 86.2% ROUGE-L F1-score, significantly improving readability of verbose legal texts.
- Preprocessed and tokenized 90,224+ document-summary pairs using Hugging Face's datasets and transformers libraries, automating the pipeline with 100% label masking accuracy and ensuring <2% data loss during truncation and padding.
- Trained and validated the model across 3 epochs, with 2 batch size per device on Colab's T4 GPU, enabling 3.1× faster convergence using FP16 mixed precision and reducing model size by 41.3% while preserving full downstream inference capability.

## Certifications

AWS Cloud Foundations Completion Certificate – [AWS Academy](#)

May 2022

Applied Machine Learning in Python – [Coursera](#)

Mar 2024

Generative AI with Large Language Models - [Coursera](#)

Jan 2025

## Skills

- Skills:** Python, Statistical, Mathematical & Data Analysis, Data Visualization Tools (Tableau, Power BI, Excel), Machine Learning & Deep Learning, Generative AI, NLP & LLMs, SQL, Git, AWS Cloud Services, HTML, CSS, Bootstrap