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SUMMARY

Aspiring Machine Learning Engineer with 1+ year of software development experience and a strong foundation in Python, SQL, and machine learning. Skilled in data preprocessing, feature engineering, and model building using Pandas, NumPy, and Scikit-Learn. Currently pursuing Data Science & AI training to apply ML techniques to real-world problems.

WORK EXPERIENCE

Associate Software Developer — MInSysT Consulting Private Limited

Jun 2025 – Present

Thane, Maharashtra

- Develop and maintain jewellery e-commerce web and mobile applications using React, Next.js, and Flutter
- Build and deploy Flutter mobile applications for AORA, AU Silver, and Maharana Silver, delivering shopping experiences including product browsing, cart, wishlist, and order management
- Integrate an AR-based jewellery try-on feature using an inbuilt AR library and AI capabilities, enabling users to virtually try on jewellery in real time with accurate, realistic overlay
- Build responsive, reusable UI components to ensure consistent user experience across web and mobile platforms
- Integrate REST APIs and optimize frontend performance for faster load times and smoother interactions

SKILLS

- **Programming Languages:** Python, JavaScript, SQL
- **Web Technologies / Frameworks:** React.js, Next.js, HTML, CSS, Tailwind CSS
- **Machine Learning:** Scikit-Learn, XGBoost, LightGBM, Classification, Regression, Feature Engineering, Model Evaluation
- **Deep Learning:** CNN, Neural Networks, TensorFlow
- **NLP & Computer Vision:** Tokenization, Stemming, Lemmatization, TF-IDF, OpenCV
- **Databases & Cloud:** MySQL, AWS EC2 (Basic)
- **Tools:** Git, GitHub, GitLab, Jupyter, Google Colab, Postman, Power BI
- **Professional Skills:** Problem Solving, Team Collaboration, Communication, Analytical Thinking, Adaptability

PROJECTS

TrustEdge – Credit Card Fraud Detection System

Python, XGBoost, LightGBM, Random Forest, Scikit-Learn • United College of Engineering & Research

- Built a machine learning-based fraud detection system using the Kaggle Credit Card Fraud Detection dataset
- Performed data preprocessing, exploratory data analysis, feature scaling, and handling of imbalanced classes
- Trained and compared four models — XGBoost, LightGBM, Random Forest, and Decision Tree — evaluating Accuracy, Precision, Recall, F1-Score, and ROC-AUC
- Achieved best results with LightGBM: 99.97% Accuracy, 99.85% Precision, 99.96% Recall, 99.91% F1-Score, and 99.97% ROC-AUC

House Price Prediction System

Python, Regression, Scikit-Learn • IT Vedant

- Developed a regression model to predict residential property prices using housing market data
- Performed data cleaning, missing value treatment, feature engineering, and exploratory data analysis
- Estimated prices from features such as area, location, bedrooms, and amenities; evaluated using R² Score, MAE, and RMSE
- Identified the most influential price-driving factors through feature analysis and visualization

Titanic Survival Prediction

Python, Logistic Regression, Random Forest • IT Vedant

- Built a classification model to predict passenger survival using the Titanic dataset
- Performed data cleaning, feature engineering, and exploratory data analysis
- Trained and evaluated Logistic Regression and Random Forest models using Accuracy, Precision, Recall, and F1-Score
- Identified key factors affecting passenger survival

COURSES & CERTIFICATIONS

Python Certification — UCER | Java Certification — UCER | Web Development — IIIT Allahabad | Power BI Certification — IT Vedant | Excel & Python Certification — IT Vedant

EDUCATION

Data Science & Analytics with AI (Ongoing)

IT Vedant, Andheri, Mumbai, Maharashtra

Bachelor of Technology

United College of Engineering and Research, Prayagraj

2025