

VANDAN DALVI

vandandalvi@gmail.com | 9028833979 | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Final-year Information Technology engineering student specializing in machine learning and data-driven application development. Hands-on experience across the complete ML workflow including data preprocessing, feature engineering, model training, evaluation, and backend deployment using RESTful APIs. Focused on building practical, product-oriented AI systems rather than isolated academic models.

EDUCATION

AP Shah Institute of Technology <i>Bachelor of Engineering in Information Technology</i>	Thane 2022 – 2026
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TECHNICAL SKILLS

Programming: Python, JavaScript, SQL

Machine Learning & Data: Scikit-learn, Pandas, NumPy, Data Preprocessing, Feature Engineering, Model Training, Model Evaluation

Backend & Deployment: Flask, REST APIs

Databases: MySQL, MongoDB

Tools & Fundamentals: Git, GitHub, Jupyter Notebook, Excel, Data Structures, OOP, DBMS, Computer Networks

PROJECTS

Talkito – AI-Based Interview Analysis Platform (Capstone Project)

Machine Learning & Applied AI

- Designed and developed an AI-driven interview simulation platform to evaluate candidate communication and response quality.
- Applied data preprocessing and feature extraction techniques to convert raw interview inputs into structured performance metrics.
- Generated post-interview analytical reports highlighting strengths, gaps, and improvement areas.
- Developed backend APIs to manage interview sessions, analytics pipelines, and report generation workflows.
- Built the system with a product-oriented mindset, prioritizing actionable feedback over raw model predictions.

Tech: Python, Scikit-learn, Machine Learning Models, Flask, REST APIs

Link: [Demo Idea](#)

ClaimSense – AI-Based Insurance Claims Verification Platform

AI & Data Processing System

- Implemented OCR-based extraction to convert unstructured insurance claim documents into structured datasets.
- Applied validation and post-processing logic to verify extracted information against stored records.
- Designed backend workflows for claim verification, error handling, and data consistency checks.

Tech: Python, Pandas, Flask, OCR

Links: [GitHub](#) | [Live Demo](#)

ADDITIONAL PROJECTS

Curated portfolio of AI, machine learning, and full-stack projects demonstrating applied ML pipelines, backend integration, and real-world data handling.

Project Portfolio Link: [\[View Projects\]](#)

EXPERIENCE

Independent Developer (Personal Initiative)

Project-Based Learning

2023 – Present

- Designed and developed ML-assisted and data-driven applications from problem definition to deployment.
- Worked on data validation, feature preparation, API design, and iterative model improvements.

LANGUAGES

English, Marathi, Hindi