

# ATUL UBALE

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## OBJECTIVE

**Aspiring Software Engineer** with hands-on experience in backend development, web frameworks, and API integration. Passionate about building scalable applications using Python, and modern cloud technologies. Familiar with LLM frameworks and eager to contribute to innovative, high-impact software solutions.

## SKILLS

**Programing Languages:** Python.

**Python:** Data Structure and Algorithm, Object-Oriented Programing.

**Web Development:** Django (Model-View-Template), Streamlit.

**Cloud Technology:** Amazon Web Services (AWS), EC2, S3, RDS.

**Machine Learning & AI:** Regression, Classification, TensorFlow, Ollama, LangChain, NLP, OpenCV.

**Data Engineering & Analysis:** SQL, MySQL, ETL Pipelines, Data Cleaning, Model Deployment, Pandas, NumPy.

**Tools & Libraries:** Jupyter Notebooks, Matplotlib, Seaborn, Git.

**Soft Skills:** Problem-solving, teamwork, adaptability, communication, and time management.

## WORK EXPERIENCE

### Elite Pvt. Ltd.

**Python Developer Intern - AUG 2024 – OCT 2024**

- Developed an organic vegetable website using **Python** and **Django**, allowing farmers to upload and manage their produce.
- Built user-friendly features for browsing and purchasing vegetables.
- Collaborated with the team to ensure smooth backend functionality and clean, maintainable code.

## PROJECTS

### Heart Disease Analysis

- Performed **Exploratory Data Analysis (EDA)** on heart disease dataset to identify key risk factors.
- Utilized **Pandas, NumPy, and Matplotlib** to clean, visualize, and interpret data patterns.
- Derived insights on correlations between **cholesterol, blood pressure, and heart disease risk**.

### EDA Integration Using LLM Framework

- Developed an LLM-powered Exploratory Data Analysis (EDA) tool using **OLLAMA/Mistral AI**.
- Integrated **Gradio UI** for interactive data visualization and real-time insights.
- Automated pattern detection and trend analysis for efficient decision-making.

### House Price Prediction Using Machine Learning

- Developed machine learning model to predict house prices using regression techniques and feature engineering.
- Achieved high prediction accuracy and optimized model performance using Scikit-learn, Pandas & Matplotlib.

## EDUCATION

**B. Tech in Artificial Intelligence**

2021 – 2025 (Pursuing)

7.80 CGPA

Savitribai Phule Pune University (SPPU)

G. H. Raisoni College of Engineering & Management, Pune.

## CERTIFICATIONS

**Python Essential Training:** LinkedIn Learning

**Great Learning:** AWS Cloud

## PERSONAL PROFILE

- **Date Of Birth** : 14th Oct 2003
- **Sex** : Male
- **Languages** : English, Hindi, Marathi
- **Hobbies** : Swimming, Social work.