

# Aditya Ware

AI Engineer with expertise in developing machine learning models and AI solutions. Proven experience in deploying robust algorithms, implementing data security, and enhancing system efficiency. Adept in Python, TensorFlow, and data visualization tools.

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## EXPERIENCE

### FreeLancer — *AI engineer*

- Designed and deployed AI/ML models to solve complex real-world problems across various industries.
- Delivered scalable, efficient, and customized AI/ML solutions tailored to client requirements. Collaborated with clients to understand project objectives and provided actionable solutions using AI-driven approaches.

### Research Experience

#### Research Contributor (*ML Development*)

Conducted research on various classification models to evaluate their performance in predicting diseases using human biofield data. Identified and implemented the most effective model, optimizing accuracy and interpretability for biomedical applications.

#### Research Assistant (*AI Development*)

Assisted in the technical implementation of AI models for a research project on liver damage detection. Developed and debugged machine learning algorithms, ensuring robust model performance and reproducibility.

## EDUCATION

### Thakur College of Engineering & Technology, Mumbai — *B.E.*

January 2021 - June 2025

## PROJECTS

**Strytics AI** — Built a Business Intelligence Tool using Python libraries like Pandas and NumPy to generate insights from datasets. Implemented data security measures using best practices to ensure data privacy..

**Customer Virtual Assistant** — Developed an NLP-powered virtual assistant using Python, spaCy, and Generative AI for handling e-commerce FAQs. Integrated speech recognition, text-to-speech, and semantic similarity analysis to provide accurate, real-time responses, enhancing customer support experience by 37%.

**SAR image colorization** — Developed a tool which leverages GAN Pix2Pix architecture to colorize black and white SAR images for analysts to interpret these colorized images efficiently.

## SKILLS

Programming Languages:  
Python, C++, Julia, SQL  
Libraries / Frameworks: Scikit-Learn, spacy, Tensorflow, Pandas, Numpy, Keras, PyTorch  
Tools / Platform: Excel, Google Sheets, Data Visualization, Git, Power BI, GitHub  
Databases: MongoDB, MySQL  
Specialization: Machine Learning, Computer-Vision, LLM, NLP, Gen-AI, Deep Learning

## AWARDS

**Google Ideathon 2023** - ranked 3rd prize at college level

**Google Solution 2024** - Cleared India region (Mumbai edition)

**SIH 2024** - Cleared SPOC level

**19th Avishkaar Research Convention** - Winner at Institute Level

## LANGUAGES

English, Marathi, Gujarati, Hindi