

# Manthan Yelpale

Pune, India

[manthanyelpale0104@gmail.com](mailto:manthanyelpale0104@gmail.com) | [+91 9960840448](tel:+919960840448) | [LinkedIn](#) | [GitHub](#)

## SUMMARY

Motivated fresher with strong learning ability and good communication skills, seeking an entry-level opportunity to grow professionally.

## EDUCATION

<b>SMT. Kashibai Navale College of Engineering, Pune</b>	2021 – 2025
<i>B.E in Computer Science Engineering</i>	<i>Pune, India</i>
<b>Tatyasaheb Musale Vidhyalaya Junior College, Ichalkaranji</b>	2019 – 2021
<i>Higher Secondary Education</i>	<i>GPA: 89.67/100</i>

## SKILLS

**Languages:** Python, SQL, HTML/CSS, C++, JavaScript  
**Frameworks & Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, FastAPI  
**Databases:** MySQL, Oracle, MongoDB  
**Fundamentals:** Machine Learning, AI, RAG, Data Visualization  
**Tools & Platforms:** Git, GitHub, VS Code

## INTERNSHIP

<b>Ispeed Invention Private Limited</b>	10/2024– 04/2025
<i>Research &amp; development Intern</i>	<i>Pune, India</i>
<ul style="list-style-type: none"><li>Developed Python-based backend modules to process financial transaction data using SQL and OCR inputs</li><li>Integrated backend services and APIs to store and retrieve structured financial data</li><li>Improved processing speed and data accuracy through optimized queries and code refactoring</li><li>Reduced manual data handling effort by approximately 40% through backend automation</li></ul>	

## PROJECTS

<b>Breast Cancer Prediction Model:</b>   <i>Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, XGBoost</i>	<i>Source Code</i>
<ul style="list-style-type: none"><li>Built a machine learning pipeline in Python for classification using structured data</li><li>Performed data preprocessing, feature selection, and model evaluation</li></ul>	
<b>Sentiwave-NLP Sentiment Analysis:</b>   <i>Tech Stack: Python, NLTK, Matplotlib, Pandas, NumPy, FastAPI, Uvicorn, PyTorch</i>	<i>Source Code</i>
<ul style="list-style-type: none"><li>Built a FastAPI-based REST API for real-time and batch sentiment analysis</li><li>Optimized API performance, reducing response time by 35%</li></ul>	
<b>AI Document Assistant</b>   <i>Tech Stack: Python, FastAPI, Streamlit, Gemini Flash, RAG, FAISS, Pandas, NumPy,</i>	
<ul style="list-style-type: none"><li>Developed an AI-powered assistant to extract insights from PDFs, Word, and scanned documents using RAG and Gemini Flash.</li><li>Reduced manual document retrieval time by 60% through intelligent data querying and real-time response generation.</li></ul>	

## CERTIFICATION

- Introduction to AI and Data science - IBM
- DeepLearning.AI Data Engineering
- Data Analytics Job Simulation by Deloitte Australia