

## PROFESSIONAL SUMMARY

AI/ML-focused B.Tech student with hands-on experience in machine learning, deep learning, generative AI, and computer vision. Built AI-powered applications for healthcare, education, and fraud detection using Python, FastAPI, and RAG. Seeking an entry-level AI/ML Engineer role to contribute strong programming and problem-solving skills.

## KEY EXPERTISE

Python Machine Learning Deep Learning Generative AI Natural Language Processing (NLP) Computer Vision  
Retrieval-Augmented Generation (RAG) Scikit-learn PyTorch TensorFlow FastAPI SQL Git GitHub Docker

## EDUCATION

|                                                                                                                                                                 |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>MIT Academy of Engineering, Pune</b><br>B.Tech. - Electronics and Telecommunication Engineering   CGPA: <b>7.90 / 10</b>                                     | 2023 - 2027 |
| <b>INDIRA INSTITUTE OF TECHNOLOGY(POLY), Nanded</b><br>Diploma   Diploma - Computer Engineering - Computer Engineering   MSBTE   Percentage: <b>87.49 / 100</b> | 2024        |
| <b>N.E.S.SCIENCE COLLEGE SHRI NAGAR, Nanded</b><br>12 <sup>th</sup>   MSBSHSE   Percentage: <b>94.17 / 100</b>                                                  | 2021        |
| <b>Pratibha Niketan High School, Nanded</b><br>10 <sup>th</sup>   MSBSHSE   Percentage: <b>93.80 / 100</b>                                                      | 2019        |

## INTERNSHIPS

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| <b>SmartBridge</b>   IT / Computers - Software<br>Artificial Intelligence and Machine Learning Trainee<br>Completed project-based AI/ML training using Python, focusing on data preprocessing, feature engineering, model development, and evaluation. | 16 Jun, 2025 - 05 Aug, 2025 |
| <b>YBI Foundation</b>   IT / Computers - Software<br>Python Programming Intern<br>Developed Python applications using OOP, file handling, and exception handling while strengthening debugging and problem-solving skills.                             | 05 Apr, 2025 - 02 May, 2025 |
| <b>LOGIC Computer Education</b>   IT / Computers - Software<br>Web Development Trainee<br>Developed a responsive full-stack web application using HTML, CSS, JavaScript, and backend form processing with database integration.                        | 07 Jun, 2023 - 22 Jul, 2023 |

## PROJECTS

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| <b>GramNet AI: Offline Smart Village Education Assistant</b><br>Project Link: <a href="https://github.com/kompalwargangotri/gramnet-ai-tutor">https://github.com/kompalwargangotri/gramnet-ai-tutor</a><br>Developed an offline multilingual AI tutor using RAG, TinyLlama, and FastAPI with text, voice, and adaptive quiz support for low-connectivity environments.                                        |
| <b>SecureFin: Video KYC and AML Fraud Detection</b><br>Project Link: <a href="https://github.com/kompalwargangotri/video-kyc-aml-detection">https://github.com/kompalwargangotri/video-kyc-aml-detection</a><br>Developed an AI-powered KYC and AML system using computer vision, OCR, facial verification, and anomaly detection for fraud identification.                                                   |
| <b>NephroPredict: AI-Based Chronic Kidney Disease Prediction</b><br>Project Link: <a href="https://github.com/kompalwargangotri/nephropredict-ckd-detection">https://github.com/kompalwargangotri/nephropredict-ckd-detection</a><br>Developed a Random Forest-based CKD prediction model achieving 90.96% accuracy and deployed it as a Flutter application for real-time chronic kidney disease prediction. |

## GreenHaven AI Eco-Retreat: AI-Integrated Full-Stack Application

**Project Link:** <https://github.com/kompalwargangotri/greenhaven-ai-eco-retreat>

Developed an AI-powered tourism platform with sentiment analysis, intelligent package recommendation, dynamic pricing, and booking management.

## ASSESSMENTS / CERTIFICATIONS

### Fundamentals of Deep Learning

**Provider:** NVIDIA

Learned deep learning fundamentals, neural networks, transfer learning, and practical model development.

### Advanced Course on Green Skills and Artificial Intelligence

**Provider:** Edunet Foundation (under Skills4Future Program in collaboration with AICTE & Shell India Markets Pvt. Ltd.)

Learned AI fundamentals, green skills, sustainable technology, and practical AI applications under the Skills4Future Program.

### Claude 101

**Provider:** Anthropic

Learned prompt engineering, AI-assisted workflows, and responsible use of large language models.

### AI Fluency: Framework & Foundations

**Provider:** Anthropic

Gained foundational knowledge of AI collaboration, evaluation, and responsible AI practices.

## WEB LINKS

- Github - <https://github.com/kompalwargangotri>
- Other - <https://kompalwargangotri.github.io/>