



# RUTUJA NITIN LANJEWAR

## CONTACT

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Sawangi(M) Wardha

## SKILLS

AI and Automation  
Python  
Machine learning  
Software Development

## Research Work

1. Presented Research Paper on "Hand Written Signature Verification System using CNN" at 2nd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAIEI).
2. Accepted review paper on "Blockchain Technology in Healthcare: Challenges and Opportunities" at International Conference on Advances in Computing Control and Telecommunication Technologies 2025 (Phase I).
3. Accepted review paper on "Impact of AI-Powered Decision Support Systems on Clinical Results in Oncology: A Meta-Analysis" at International Conference on Advances in Computing Control and Telecommunication Technologies 2025 (Phase I).
4. Accepted review paper on "A Comprehensive Approach to Retinal Disease Classification: Binary and Multiclass Perspectives" at 4th International Conference on Sentiment Analysis and Deep Learning ICSADL 2025.

## PROFILE

A Motivated and skilled Machine Learning and Software Development enthusiast with hands-on experience in AI-driven healthcare solutions and cutting-edge neural network architectures. Excelled in developing advanced systems like a Handwritten Signature Verification model using AlexNet and a Retinal Disease Classification tool leveraging deep learning techniques. A RedHat-certified intern with a solid foundation in Linux, Kubernetes, and containerization, complemented by certifications in Python, AI, and data science. Passionate about driving innovation and delivering impactful solutions in technology and automation.

## EDUCATION

Faculty of Engineering and Technology, DMIHER  
Bachelor of Technology  
Department of Artificial Intelligence and Data Science (Expected 2026).

- CGPA: 8.15 (Third Year), 8.4 (Second Year), 7.1 (First Year)

USA Vidya Niketan, Tumsar  
12th Grade (2021) Percentage: 84%  
10th Grade (2019) Percentage: 83.2%

## Certifications

- Programming for Everybody (Getting Started with Python)
- Python for Data Science, AI & Development
- IBM Full Stack Software Developer

## KEY PROJECTS UNDERTAKEN

1. Hand Written Signature Verification System using CNN.
2. Retinal Disease Classification

## Red Hat Academy Internships

- Getting Started with Linux Fundamentals 9.1 (RH104)
- Red Hat System Administration I 9.0 (RH124)
- Red Hat System Administration II 9.0 (RH134)
- Red Hat OpenShift I: Containers & Kubernetes 4.10 (DO180)

## References

Dr. Subodh Daronde  
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