

# Navamohan V

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## EDUCATION

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**Nagarjuna College of Engineering & Technology, Karnataka, India**

2022 – 2026

Bachelor of Technology in Artificial Intelligence and Machine Learning — **GPA: 7.8/10**

## TECHNICAL SKILLS

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**Programming Languages:** Java, C, Python

**Web Frameworks:** HTML

**Tools:** Unity Hub, Power BI, Tableau, Visual Studio Code

**Database Utilisation:** MySQL, MongoDB

**Frameworks and Libraries:** TensorFlow, Keras, Scikit-learn, NumPy, Matplotlib

**Soft Skills:** Team Collaboration, Public Speaking, Time Management, Adaptability

## PROJECTS

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**Ink-Trace: An Advanced Signature Verification Solution**

- Developed a Signature Matching Application using Python, OpenCV, and Scikit-Image to evaluate and compare similarity between two signatures.
- Implemented a Tkinter-based GUI for capturing or uploading signature images with real-time similarity results using structural similarity metrics.

**Veri Ink: Signature Verification Combining NLP and Image Analysis**

- Developed a hybrid CNN deep learning model to verify signatures by analysing both image features (Computer Vision) and stroke sequences (NLP).
- Engineered an OpenCV preprocessing pipeline for image normalization and augmentation, achieving high verification accuracy.
- Designed a real-time verification module computing similarity scores to classify signatures as ‘Genuine’ or ‘Forged’.
- **Technologies:** Python, TensorFlow/PyTorch, OpenCV, Scikit-learn, CNN.

## CERTIFICATIONS

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- Elite Certificate from NPTEL in Cloud Computing.
- Oracle Cloud Infrastructure Certified Generative AI Professional.
- Micro Certification in ServiceNow – ServiceNow.
- Certified System Administrator – ServiceNow.
- Data Analytics – Deloitte.