Nazar Soudagar

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SUMMARY

Data Scientist with hands-on experience in machine learning and deep learning, including building a 96% accurate deep fake detection model. Skilled in end-to-end ML pipelines and cloud-based model deployment, focused on delivering data-driven solutions that create real-world impact.

EXPERIENCE

AI & Cloud Intern   Jul 2025 – Aug 2025
IBM SkillsBuild - Edunet Foundation   *Bengaluru*
- Worked on AI and IBM Cloud services through hands-on activities and applied emerging technologies in practical tasks.
- Learned how cloud applications are built, deployed, and secured, along with basic automation and architecture practices.
- Designed and deployed a cloud-based Intrusion Detection System (IDS) to classify suspicious network activity.

PROJECTS

Network Intrusion Detection System (IDS)   Jul 2025 – Aug 2025
Security Project   *IBM Cloud, IBM AutoAI, Watson Studio, Python*
- Developed a cloud-based intrusion detection system that analyzes network traffic and identifies suspicious activity using automated model workflows.
- Worked on preparing the dataset, selecting important features, and testing different models to improve detection performance.
- Gained practical exposure to intrusion detection concepts, network behavior monitoring, and basic threat identification.
- Achieved 94% accuracy in classifying normal and malicious traffic.

Deepfake Video Detection (Digital Forensics Project)   Jan 2025 – May 2025
Deep Learning & Media Security   *Python, TensorFlow, Keras, OpenCV, scikit-learn*
- Built a model to detect manipulated video content by analyzing facial features and frame-level patterns.
- Processed and evaluated multiple video samples to identify inconsistencies and classify them as real or fake.
- Understood how deepfake detection supports digital forensics and content authenticity in security-related scenarios.
- Achieved 96% accuracy in detecting real and fake videos.

EDUCATION

Presidency College   Bengaluru
Master of Computer Application   *Nov 2023 – OCT 2025*

KLE's GH BCA College   Haveri
Bachelor of Computer Application   *Sep 2020 – Sep 2023*

SKILLS

Programming: Python, SQL, C++
Libraries: NumPy, Pandas, Scikit-learn, TensorFlow, Keras, OpenCV
Machine Learning: Regression, Classification, Feature Engineering
Concepts: Statistics, Probability, Hypothesis Testing
Tools: Jupyter, Git, Linux, IBM Cloud

CERTIFICATIONS

• Python Programming Course – Google (2024)

• Retrieval Augmented Generation with LangChain – IBM SkillsBuild (2025)

• Generative AI Badge – Google Cloud (2025)

• Software Development – Hackerrank (2025)

• Cloud Computing: Envisioning Your Solution – IBM SkillsBuild (2025)

• Artificial Intelligence – IBM SkillsBuild (2025)