

NIHAR D KIRAN

Aspiring AI & ML Engineer

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Summary

Dedicated AI & ML student with expertise in Python programming and ML implementation. Leveraging internship experience and a strong project portfolio to bridge the gap between complex data and actionable, real-world AI solutions.

Skills

Programming Languages: Python, Java, C, HTML, CSS, JS

Databases & Querying: SQL, PostgreSQL, MongoDB

Data Visualization Tools: Advanced MS Excel, Power BI, Tableau

Machine Learning: Model Development, Real-time Processing, Computer Vision

AI Tools: Advanced Prompt Engineering, AI-assisted Development

Experience

Machine Learning Intern

October 2025 – November 2025

SkillCraft Technology (Virtual)

Tools Used: Python – [TensorFlow, Pandas, Scikit-learn]

- Developed and implemented machine learning models for real-world applications, gained practical experience in ML algorithms and data preprocessing techniques.
- Collaborated with cross-functional teams to deliver AI-driven solutions, applied Python programming skills to solve complex data science problems.

Machine Learning Intern

February 2026 – March 2026

LearnDepth Academy (Virtual)

Tools Used: Python – [NumPy, TensorFlow, Pandas]

- Acquired hands-on experience in advanced machine learning techniques by working on SQL optimization and database performance enhancement.
- Developed proficiency in AI tools and prompt engineering, contributed to ML projects with a focus on practical implementation.

Projects

Disaster Management System | *HTML, CSS, JS*

November 2025

- **Designed and developed a comprehensive disaster management solution.**
- Implemented data analytics and predictive modeling for emergency response.
- Created user-friendly interface for efficient disaster monitoring and reporting.

AI Caption Generator | *Python, HTML*

March 2026

- **Built an intelligent caption generation system using natural language processing.**
- Integrated machine learning models to automatically generate descriptive captions.
- Demonstrated expertise in AI-driven content creation and text generation.

Real-Time Object Detection System | *Python, HTML, CSS, JS*

September 2025

- **Developed a computer vision application using Python and machine learning algorithms.**
- Implemented real-time object recognition with high accuracy and performance.
- Utilized advanced image processing techniques for enhanced detection capabilities.

Awards & Certifications

- Python Programming Certificate – Infosys Springboard (2024) | Certificate Link
- Machine Learning Internship – SkillCraft Technology (2025) | Certificate Link
- Machine Learning Specialization – LearnDepth (2026) | Certificate Link

Education

Bachelor of Engineering – Artificial Intelligence and Machine Learning

2023 – 2027 (Pursuing)

Coorg Institute of Technology, Ponnampet