

Kevin Doshi

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SUMMARY

Enthusiastic computer science graduate student with hands-on experience in AI, machine learning, and IoT projects. Proficient in Python programming and adept at leveraging libraries like PyTorch, TensorFlow, Keras, and a range of Python tools for developing innovative solutions to complex problems.

EDUCATION

M.S. Computer Science

Arizona State University, Tempe, AZ, USA

Expected Graduation Period: Aug 2024- Jul 2026

B. Tech Computer Engineering

Indus University, Ahmedabad, India

Jul 2020-Jul 2024

TECHNICAL SKILLS

Tools & Technologies: Python, Java, C, C++, HTML, CSS, JavaScript, Embedded C, TensorFlow, Keras, PyCaret, Deep Learning, NLP, Computer Vision, SQL, QGIS, GDAL, Data Analysis, DBMS, Web Development, Arduino, ESP, TinyML.

Certifications: *ML Specialization* (DeepLearning.AI, Stanford), *Generative AI with LLMs* (DeepLearning.AI, AWS), *Sequence Models* (DeepLearning.AI), *Data Analytics on AWS* (AWS - Coursera), *Project Development Using Java* (Udemy), *Python Bootcamp* (Udemy), *Introduction to HTML5* (University of Michigan - Coursera)

Soft Skills: Leadership, Problem Solving, Teamwork, Communication, Leadership, Problem Solving, Teamwork, Communication

PROFFESIONAL EXPERIENCE

Indian Space and Research Organisation (ISRO): AI Research Intern

Jan 2024 – Aug 2024

- Developed a framework for accurate segmentation of remote sensing images.
- Conducted comparative analysis of Efficient Net models for semantic segmentation of satellite imagery.

Dhruvin Gas Service: AI Solutions Developer

May 2023 – Jan 2024

- Developed Python automation tools for data entry and Excel merging, improving efficiency by 4x.
- Led team in deploying AI-driven workflow management systems, boosting productivity.

DYU labs: Embedded AI Systems Intern

Mar 2023 – Apr 2023

- Developed ESP32-CAM-based person detection for security, focusing on real-time processing.
- Optimized the system for low power consumption and enhanced detection reliability.

PROJECTS

Assignment Solver, *Personal Project*

- Developed an innovative tool that automatically captures and analyzes questions using screen snipping.
- Leveraged GPT API to generate real-time assignment answers, enhancing user efficiency and reducing manual input.

Automated ML Training Platform, *Personal Project*

- Created a web application using Streamlit to simplify model training for regression and classification.
- Leveraged PyCaret for quick implementation and evaluation of multiple machine learning models.

Air Drums, *Personal Project*

- Created a virtual drum simulation using IMU sensors for real-time motion tracking.
- Applied AI algorithms to correct motion errors, achieving accurate drum response.

ACHIEVEMENTS/AWARDS

- Smart India Hackathon, Indus University:** 1ST PLACE-2023
- IDEATHON, National Level:** 1ST PLACE-2021
- PATTERN-O-THON, Indus University:** 3RD PLACE-2021

EXTRACURRICULAR EXPERIENCE

Head of Robotics Club, Indus University, India

8/2021 – 8/2022

- Led team projects, conducted seminars, and actively participated in hackathons, driving innovation and skill development among members