# Kevin Doshi

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## SUMMARY

Enthusiastic computer science graduate student with hands-on experience in AI, machine learning, and IoT projects. Skilled in Python, TensorFlow, and PyCaret, with a strong ability to develop innovative solutions for real-world problems.

## EDUCATION

**M.S. Computer Science** Expected Graduation Period: August 2024- July 2026
Arizona State University, Tempe, AZ, USA

**B. Tech Computer Engineering** July 2020-July 2024
Indus University, Ahmedabad, India

## 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** May 2019 – Aug 2019

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

**Dhrumin Gas Service : AI Solutions Developer** May 2018 – Aug 2018

- 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.

**DYUlabs: Embedded AI Systems Intern** May 2018 – Aug 2018

- 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**: 1$^{ST}$ PLACE-2023
- **IDEATHON, National Level:**1$^{ST}$ PLACE-2021
- **PATTERN-O-THON**, **Indus University**:3$^{RD}$ 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