

# Akram Mohammad

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## Education

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**PBR Visvodaya Institute of Technology**, Artificial Intelligence in Computer Science and Engineering Sept 2022 – May 2026

- GPA: 9.0/10
- **Coursework:** Machine Learning, Deep Learning, Cloud computing for AI

**Narayana College**, Mathematics, Physics and Chemistry Oct 2020 – Jun 2022

- GPA: 9.8/10

## Skills Summary

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- **Languages:** Python, SQL, JAVA, JavaScript.
- **Frameworks:** Pandas, OpenCV, Scikit-Learn, Matplotlib, Tensorflow, Keras.
- **Tools:** MS Excel, PowerPoint, Tableau, MySQL, OpenAI
- **Platforms:** PyCharm, Jupyter Notebook, VS Code, Google Colab.
- **Soft Skills:** Analytical Thinking and Problem Solving, Continuous Learning and Adaptability, Fluency in Communication.

## Certifications

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Various MERRIT certificates on my PowerPoint presentations

Participated in various coding and hackathon participations and won.

Got badges and certifications from aws

<https://surl.li/bywtwm>

Got badges and certifications from mongodb

<https://surli.cc/zrvycb>

## Projects

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**Object Detection using YOLO Model**

<https://bit.ly/4f2Tq5q>

- Implemented a real-time object detection system using YOLO (You Only Look Once) to detect and classify objects in images and video streams.
- Tools Used: Python, YOLOv3/v4, OpenCV, TensorFlow, Keras, NumPy

**Hand gesture recognition using Mediapipe**

<https://bit.ly/4gk1Vda>

- Developed a real-time hand-gesture recognition system using Google's MediaPipe framework for detecting 21 hand landmarks and mapping gestures to actions.
- Tools Used: MediaPipe, OpenCV, Python, Tensorflow

## Technologies

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**Languages:** C++, C, Java, Python, SQL, JavaScript, React-JS, Flutter, MongoDB

**Technologies:** Artificial Intelligence, Machine Learning, Deep Learning.