

# Naeem Ahmed

*Python Developer / AI Enthusiast*

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## SKILLS

- **Programming Languages:** Python, Dart
  - **Frameworks & Libraries:** Django, Flutter (UI), Pandas (Data Analysis)
  - **Machine Learning:** Model training, data preprocessing, basic ML algorithms
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## EDUCATION

### BS Computer Science

Government College University, Hyderabad

*CGPA: 3.42 / Feb 2021 - Jan-2025*

### Intermediate (Pre-Engineering)

Government Islamia College, Badin

*66.27% / 2017 - 2019*

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## EXPERIENCE

### Python Instructor

*Gexton Education – April 2023 – Sep 2023*

- Delivered core Python programming concepts to beginners and intermediate-level students.
  - Designed hands-on coding tasks to strengthen students' problem-solving skills.
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## RESEARCH

## Melanoma Skin Cancer Detection Using Neural Networks

Conducted research and published a paper focused on detecting melanoma skin cancer using convolutional neural networks (CNN). The study involved data preprocessing, model training, and evaluation techniques to enhance early-stage skin cancer diagnosis through AI-powered classification.

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## ACADEMIC PROJECTS

### ❖ Self-Driving Car

Developed an autonomous vehicle prototype capable of navigating roads using computer vision, machine learning, and sensor integration. The project emphasized real-time decision-making, obstacle avoidance, and intelligent path planning.

### ❖ AI Gym Trainer

Built a fitness trainer using MediaPipe to analyze squats and provide real-time feedback. The system tracks body posture using computer vision to help users correct form and improve workout efficiency.

### ❖ Blog Application

A Django-based blog platform I developed, featuring dynamic search, pagination, and user authentication. Though not deployed, the application delivers a smooth and intuitive content browsing experience.

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## ACHIEVEMENTS

- **Kaggle Notebook Expert**
  - **Speaker** at *"Role of Mathematics and Allied Sciences for Sustainable Development: Bridging Industry and Academia"* (ICRMASSD: BIA 2024)
  - **2nd Position** – Computer Science Exhibition (Capstone Project / FYP)
  - **1st Position** – Software Competition at Computer Science Exhibition
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## HOBBIES

Cooking, Coding, Exploring Tech Innovations