



Muhammad Maroof

**PYTHON DEVELOPER | FUTURE AI ENGINEER
| ROBOTICS ENTHUSIAST**

Executive Summary:

Python Developer with a passion for AI, Robotics, and Quantum Computing.
Skilled in Django, Web Scrapping, and data science tools.
Driven by curiosity, focused on building the future.

Key Skills:

- Python, JavaScript, C++, PHP
- Django, Flask, REST APIs
- Web Scraping: BeautifulSoup, Selenium, Requests
- Pandas, NumPy, Matplotlib, Seaborn
- MySQL, SQLite, Git, Postman
- AI/ML Foundations – CV, NN, Transformers
- Qiskit (Quantum) – recently start
- GSAP (Frontend Animation)

Contact Information:

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Education:

**DIPLOMA OF ASSOCIATE ENGINEERING
(DAE) – SOFTWARE TECHNOLOGY**

**MEMON INDUSTRIAL & TECHNICAL INSTITUTE,
KARACHI**



2024 – Present (1st Year)

Key Subjects: HTML, CSS, PHP, Python,
Databases, Software Fundamentals

💡 I strongly believe in self-learning and
consistently enhance my skills beyond the
classroom through real-world projects and
online courses.

Vision:

My vision is to become a transformative force in the world of technology — leading innovations in Artificial Intelligence, Robotics, and Quantum Computing. I aspire to build intelligent systems that not only solve critical global problems but also push the boundaries of what machines and humans can achieve together.

As a self-taught Python developer with a creative mindset and a deep passion for futuristic tech, I believe in combining logic, empathy, and design to build tools that empower society. From building data-driven AI models to automating systems with purpose, I want to craft technology that's ethical, scalable, and meaningful.

My long-term mission is to become a globally recognized AI/Robotics Engineer who creates breakthrough solutions — especially for education, healthcare, and developing nations — using the power of machine intelligence.

✨ I don't just want to follow trends. I want to shape them. With curiosity as my compass and code as my tool, I aim to write the future — one smart solution at a time.

Projects

SMART_DATAVIZ - DJANGO, MATPLOTLIB, SEABORN :

Visualizes CSV data using dynamic plots. Users upload files and instantly get analytics dashboards.

DARAZ CLONE (MYSHOP) – DJANGO, BOOTSTRAP, SQLITE:

Full-stack eCommerce site inspired by Daraz.pk, with categories, filters, cart, checkout, and PKR pricing.

AUTO WEB SCRAPER – PYTHON, BEAUTIFULSOUP, DJANGO:

Paste a URL → Scrapes and displays the website title, headings, links, and metadata in real-time.

TASK MANAGER – DJANGO, BOOTSTRAP:

CRUD-based personal task manager with user login, deadlines, priority filters, and status tracking.

NOTE:

🔧 I also build small automation tools for my daily tasks — from data scraping to file organization and workflow optimization using Python.