

NUROOZ AMIN

AI Focused Software Engineer

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Lahore, Pakistan

Nurooz-Amin



SUMMARY

I'm an innovative and result-driven Software Engineer with a strong interest in AI, machine learning, and full-stack development. I specialize in Python, Java, JavaScript, Django, and AWS, aiming to excel in building impactful tech solutions. A problem-solver at heart, I actively participate in tech gatherings, submit projects at university, and deliver quality work in my current roles. I'm passionate about using technology to create meaningful change and ready to contribute with energy and purpose.

EXPERIENCE

Web Application Developer

Webbugs

November 2024 – April 2025 Lahore, Pakistan

- Built RESTful APIs using Python, improving data processing by 30%.
- Optimized GPT-5 prompting (Bolt AI, Cursor AI), boosting accuracy by 20%.
- Built Developed dynamic dashboards with Django and Streamlit for real-time visualization.
- Reduced deployment time by 40% using efficient workflows.

Head of Operation and Logistics

Microsoft Learn Student Ambassador (MLSA)

May 2022 – present UCP Lahore, CA

- Organized workshops and events related to Microsoft technologies.
- Provided support and guidance to students learning Microsoft tools.

Volunteer

Ten18Con.

Jan 2023 Ucp Conference Hall, Lahore

- Engaged in community service and philanthropic activities.
- Collaborated on impactful projects for societal betterment.

EDUCATION

B.S. in Computer Science

University of Central Punjab (UCP)

Aug 2022 – present

LANGUAGES

English

Urdu

German



PROJECTS



Smart Office Network

Designed a smart office network with VLANs, ACLs, IoT integration, and remote access.

Tools:

Cisco Packet Tracer.



Naukri.pk App

Built a job search app like Rozee.pk, Added login, signup, and job search with city filters.

Tools:

Android Studio, Java, XML.



Heart Stroke Prediction

Built a machine learning model for heart stroke prediction using Python libraries (NumPy, Pandas, Scikit-learn, Streamlit).

Handled data preprocessing, model training, and deployment, creating an accurate prediction tool.

SKILLS

Hard-working

C/C++

ASP.NET

Django RES

Python

Java & JavaScript

AWS/AWS Cloud

Microsoft Tools

Numpy

Pandas

Scikit-Learn

Packet Tracer

CERTIFICATIONS

- FYP Exhibition Volunteer** – Helped organize the university's final year project showcase.
- AWS Cloud Technical Essentials** – Completed AWS foundational cloud training.
- Microsoft Learn Student Ambassador (MLSA)** – Official student ambassador conducting workshops, promoting Microsoft technologies, and supporting peer learning at university.