

Danyal Ahmed

Full-Stack Developer · AI & Data Engineering

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EDUCATION

National University of Modern Languages (NUML) · B.Sc. Computer Science · CGPA 3.0/4.0 *Islamabad · Expected Jan 2027*

Coursework: Data Structures & Algorithms, Software Engineering, Database Systems, Machine Learning

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Responsive Design, RESTful APIs

Backend: Node.js, Express.js, Python, PostgreSQL, API Integration

AI / ML & Tools: TensorFlow, OpenCV, Scikit-learn, Pandas, Git, BeautifulSoup, Scrapy, Selenium

PROJECTS

AI-Powered Virtual Try-On | *Python · TensorFlow · OpenCV · Deep Learning*

- Built a final-year project enabling users to virtually try on clothing using AI-based pose estimation and image generation.
- Integrated pre-trained CV models to overlay garments onto user photos with accurate body alignment and a real-time selection interface.

Full-Stack Web Application | *React · Node.js · Express · PostgreSQL*

- Developed a full-stack app with React frontend and Node.js/Express REST API backend with PostgreSQL for data persistence.

PROFESSIONAL EXPERIENCE

UK Visa Jobs · Data Researcher & Analyst

Aug 2024 – Feb 2026

- Mined large-scale datasets using Python pipelines; cleaned and transformed data for business reporting.
- Enriched data accuracy using the OpenAI API and managed relational data via PostgreSQL for backend reporting workflows.

Peertopia · Scripting, Automation & AI API Developer

Feb 2024 – Jul 2024

- Built web scraping automation and REST API integrations; integrated ElevenLabs TTS API for AI voice interaction.

Dice Analytics · Junior Python Developer

Aug 2023 – Dec 2023

- Built web scrapers (BeautifulSoup, Scrapy, Selenium) and automated PowerPoint report generation with python-pptx.
- Contributed to data science projects and participated in ML voice model development and training lifecycle.

CERTIFICATIONS

Full-Stack Developer Bootcamp (HTML, CSS, JS, React, Node, Express, PostgreSQL) · Dr. Angela Yu – Udemy

2025

Data Analyst & Data Science (EDA, ML, Python, Data Visualization) · atomcamp

2024

Google Crash Course on Python · Coursera

2023