

ANAS IMRAN

AI/Machine Learning Engineer

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Portfolio: anasimran.vercel.app — Github/SyedAnasImran — LinkedIn/anas-imran-de

AI Engineer specializing in **Python**, **LLM** integration, Prompt engineering, and **NLP** applications, **AI/ML** models and **Data processing**. Currently enrolled as a Master's student with a valid Work Permit for **20 hr of weekly work**, suitable for **Werkstudent**. Fluent in English, can also speak **German**.

EDUCATION

TU Darmstadt

Master of Science in Artificial Intelligence

Since 2026

Darmstadt, Germany

FAST - National University of Computer and Emerging Sciences

Bachelor of Science in Computer Science — 1,8 Grade

2021 - 2025

Karachi, Pakistan

WORK EXPERIENCE

AI Engineer — WebWiz Technologies

May 2025 - Sep 2025

LLMs - GPT-4 - Python - Flask - Prompt Engineering

Houston, United States

- Engineered an **Agentic AI system** with GPT-4 for automated resume generation, reducing generation time by **80%**.
- Developed an **NLP-powered chat interface** for natural language interactions, reducing manual editing by **70%**.
- Incorporated **15+** templates including **Europass** Designs to increase **ATS** compatibility by **20%**.
- Built and fine-tuned a **resume parsing ML model** using Flask and NLP libraries, achieving **90% extraction accuracy** across diverse document formats.

Software Engineer — LookFlock

Jun 2024 - Nov 2024

Python - Node.js - React.js - Firebase - ML Pipelines

London, United Kingdom

- Architected a **recommendation system** to solve the cold start problem, implementing collaborative filtering algorithms that increased early user engagement by **25%**.
- Enhanced **Python-based web scrapers** with automated data extraction pipelines, processing and cataloging product information with **85%+ accuracy** across **1,000+ items**.
- Built scalable **data processing infrastructure** using Node.js and Firebase for real-time product tracking.

Development Intern — SayabiDevs

Jul 2022 - Sep 2022

Python - Flask - React.js - SQL - PowerBI

Karachi, Pakistan

- Contributed to backend system development using **Python**, designing RESTful **APIs**, that handled 50K+ records.
- Built interactive **Power BI** dashboards, enabling real-time monitoring reducing manual reporting by 8 hours per week.
- optimized **SQL** queries, **indexing** strategies improving data retrieval, reducing query execution from 1.2s to 650ms.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, **SQL**, **Python**

AI/ML Technologies: LLMs, **TensorFlow**, **PyTorch**, Transformers, Data Analytics, **PowerBI**

Deep Learning: RNNs, CNNs, LSTMs, **Fine-tuning**, Transfer Learning, Model Optimization

NLP & Data Science: NLTK, spaCy, NumPy, Pandas, Matplotlib, Scikit-learn, Data Pipelines

Tools & Cloud: Flask, FastAPI, Node.js, **Excel Advanced**, Git, AWS (EC2, S3), Vector DB,, **MS Office**,

LANGUAGES

- German (B1)
- English (C1)

PROJECTS

Image Segmentation — U-Net Neural Network (CNN) Using Deep Learning

- Designed an image segmentation model using **U-Net architecture** on the Pascal VOC dataset. Used **Tensorflow/keras** for build the model and trained it for **60 epochs** using categorical cross-entropy loss, and achieved **96.48% accuracy** in pixel-level segmentation.

Resume.AI — Intelligent CV Builder with LLM Integration

- Developed a full-stack AI resume builder using **Next.js**, **Flask**, and **Openai LLM**. Implemented **Prompt-based editing** and **NLP-powered resume parsing pipelines**, boosting user job-match relevance by **40%**.

Toxicity Analysis — Deep Learning for Hate Speech Detection

- Built toxicity classification models using **LSTMs** and **Transformer** architectures (Hugging Face), fine-tuning **BERT** on the Hate Speech Detection dataset (Kaggle) to achieve **F1-score of 0.91**, improving **precision** on minority classes.