

Kevin Antony

ML/AI & Backend Engineer | M.Sc. Computer Science Student at Leibniz Universität Hannover

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Summary

ML/AI & Backend Engineer with 2 years of experience building and scaling production-grade AI systems. Currently pursuing an M.Sc. in Computer Science at **Leibniz Universität Hannover** and seeking a **Working Student (Werkstudent)** role. Fully eligible to work **20 hours/week** with a valid German student visa.

Experience

Various Startups

India (Remote)

Software Engineer – AI & Backend

2023 – Present

- Worked as an IC on contract basis for early-stage startups such as **AnCrypto**, **30 Sundays**, **Dippy AI** & **YRAL** on building (>10K Users) and scaling (1M Users → 10M Users) production-grade backend & AI systems.
- Built and scaled **backend systems for AI products** using Python (FastAPI, SQLAlchemy) and REST APIs, supporting **high-growth platforms up to 1M+ users**.
- Architected and deployed **LLM and diffusion-based applications** (chatbots, generative AI tools), enabling production-grade **AI features and automation**.
- Designed and deployed **cloud-native infrastructure on GCP** (Docker, Kubernetes, GKE), ensuring **high availability, auto-scaling, and low-latency performance**.
- Engineered **data pipelines, caching, and storage systems** (PostgreSQL, Redis, Elasticsearch, BigQuery) and delivered end-to-end AI solutions, **improving performance and product decision-making**.

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Singapore (Remote)

Machine Learning Engineer

2024 – 2025

- Architected and deployed **LLM and diffusion-model powered applications** for AI image/video generation and intelligent automation.
- Built **scalable Python backend services and REST APIs (OpenAPI)** to serve AI models and data pipelines in production.
- Designed **cloud-native infrastructure on Google Cloud** using Docker and Kubernetes (GKE) with load-balanced deployments.
- Implemented **high-performance data and caching layers** using PostgreSQL, Redis, SQLite, and Elasticsearch.

Education

Leibniz Universität Hannover

Master of Science

Computer Science

Germany • 2026 – Present

Dr B R Ambedkar National Institute of Technology, Jalandhar

Bachelor of Technology • 2.3

Computer Science and Engineering (H+ Anabin recognized)

India • 2020 – 2024

Skills

Languages

Python, SQL, C/C++, R

AI/ML & Data

PyTorch, LLMs, RAG, Stable Diffusion, ControlNet, PostgreSQL, Redis, SQLite, VectorDB (Chroma), BigQuery

Backend, Cloud & Systems

FastAPI, REST APIs, OpenAPI, SQLAlchemy, Hetzner (Bare Metal), GCP, Docker, Kubernetes, Linux, CI/CD, Ray, Sentry

Languages

English	German	Hindi	Malayalam
C2	B1 (expected at 06/2025)	C1	C2