

Jan Haslik

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EDUCATION

HTL Spengergasse, Computer Science

Vienna, Austria, 2020-2025

- Relevant Classes: Software Engineering, Data Science & AI, Web Development, Networking, Databases

BRG Rosasgasse

Vienna, Austria, 2016-2020

SKILLS

Programming Languages: C++, Java, Python, SQL, JavaScript, TypeScript

ML & DL: Keras, TensorFlow, LLM, RAG, RLHF, SFT, NLP, Computer Vision

Software Development: Distributed Systems, CI/CD, Agile, System Design, Testing

Platforms & Others: Docker, Git, Kafka, MySQL, MongoDB, Spring, React

Soft skills: Team Player, Result-Driven, Problem Solving, Adaptability, Communication

Certificates: Cisco CCNA 1 & 2

WORK EXPERIENCE

Raiffeisen Bank International, Data Warehouse, Software Engineer Intern

Vienna, July 2024

- Worked on workflow orchestration service of real-time or batch mode data collection and ingestion platform.
- Developed an authentication microservice using Java Spring and frontend security features using Angular.
- Created and deployed a UI for a testing microservice, aiding test managers and enhancing testing efficiency.
- Fixed stream serialization bugs and addressed a major cookie forging security issue.
- Documented deployment procedures and contributed to codebase with documentation and testing.

Blue SeaBird, Core Developer

Vienna, Sept 2023-Now

- Developed new projects and algorithms using C++ and Python..
- Maintained documentation and code to ensure clarity and consistency.

OEBB BCC IKT, Intern: Finance- & Integrationmanagement

Vienna, Juli 2023-Aug 2023

- Supported cost accounting on special cases of clients & prepared different levels of SLAs.
- Reduced SIM-Card costs by approximately €2,550.

Kapsch TrafficCom AG, Intern: IT-Support

Vienna, Aug 2023-Aug 2023

- Reorganized department warehouse, which lead to increased efficiency & faster assembly of orders.
- Migrated offices and setup workspaces, ensuring seamless transitions.

PROJECTS

TrafficWatch: Real-Time Traffic Analytics System

- Developed a video analytics system that tracks objects using computer vision and deep learning.
- Streamed data via Kafka to a Spring Boot server, which pushes updates to a React dashboard.
- Ensured system scalability and real-time performance, providing insights for traffic management.

Asura Crow: Basic Search Engine

- Implemented crawling, indexing, and searching functionalities using C++, Go, and MongoDB.
- Applied TF-IDF and BM25 algorithms for relevance scoring and search result optimization.

JetPlusPlus: Lightweight C++ REST API library for Blue SeaBird

- Architected a modular routing system with enhanced security features.
- Implemented custom JSON handling algorithm, enabling interaction with JSON data in APIs.

FlameCat: GPT2 Document Classifier

- Developed a document classifier using GPT-2 for text categorization.
- Conducted data preprocessing, model training, fine-tuning, and evaluation.

Grand Line: Time-Series Models Platform

- Implemented LSTM skeleton model for time-series forecasting using Keras and TensorFlow.
- Developed backend with Python Flask for automatic model creation and deployment.
- Built a responsive frontend with React, TypeScript and MySQL for database management.