Florian HOPPE

Born: 28.02.2002 | Munich/Germany
+4917674512624
hoppe.florian02@gmail.com

🌐 website | 🔗 linkedin | github

EDUCATION

TECHNICAL UNIVERSITY MUNICH
Apr 2024 - Apr 2026

M.Sc. IN COMPUTER SCIENCE

- Majoring in databases and distributed systems with a minor in algorithms and scientific computing

TECHNICAL UNIVERSITY MUNICH
Oct 2020 - Apr 2024

B.Sc. IN COMPUTER SCIENCE

WORK EXPERIENCE

PALANTIR
May 2025 - Aug 2025

SOFTWARE ENGINEER INTERN IN DEVELOPER CONSOLE TEAM
- Developed end-to-end search and indexing functionality for Custom Widgets
- Indexed widget metadata in ElasticSearch and designed schema for efficient retrieval
- Built a REST API and corresponding GraphQL query to expose search capabilities to client applications
- Integrated the feature into the frontend, enabling live search via a new UI component

Tech Stack: Java, Elasticsearch, GraphQL, TypeScript, React

JETBRAINS
Mar 2024 - Mar 2025

SOFTWARE ENGINEER INTERN IN FLEET CORE PLATFORM TEAM
- Implemented high-performance data structures in Kotlin Multiplatform, optimizing memory usage and runtime efficiency
- Adapted core Fleet Window Manager features to a new platform, exposing a robust API for other developers

Tech Stack: Kotlin, KotlinJs, WebAssembly

KERTOS
Mar 2022 - Dec 2023

FULLSTACK DEVELOPER WORKING STUDENT & AUTOMATION LEAD
- Designed and developed a highly efficient microservice in Python for automating the deletion of user data on third-party platforms, serving over 10,000 requests to date
- Contributed to the successful migration of the REST API to GraphQL, enhancing type safety and delivering a noteworthy 25% improvement in read speed through the reduction of over-fetching

Tech Stack: Python, Django, PostgreSQL, FastAPI, TypeScript, React, GraphQL

PROJECTS

Check24 Scholarship Challenge (Fullstack Website)
Jun 2023

FIND THE PERFECT HOTEL FROM OVER 100 MILLION OFFERS
- Developed a website that enables users to discover the ideal holiday hotel from a database of over 100 millions offers
- Leveraged Docker to containerize the application and deploy it on a VPS

Tech Stack: TypeScript, ExpressJS, MongoDB, React, GraphQL, Docker

LEADERSHIP

Google DSC Core Member
Mar 2022 - present

CORE TEAM MEMBER FOR THE MUNICH GDSC
- Organizing campus, Google office, and corporate events, attracting audiences of 20 to 120 people
- Contributed to the recruitment process by assisting in the selection of new core team members

SKILLS

PROGRAMMING LANGUAGES	Python	Kotlin	Java	TypeScript	SQL	C++	OCaml	Bash	x86 ASM
SOFTWARE DEVELOPMENT	Design Pattern	Linux	Git	Agile Methodology	Clean Code	Test Driven Development
FRAMEWORKS & LIBRARIES	Django/Flask/FastAPI	PostgreSQL	MongoDB	Docker	React	React Native
LANGUAGES	*Native:* German, Polish *Fluent:* English *Beginner:* French