



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