



Florian HOPPE

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[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

- I will be joining Technologies over the summer in their London office

Tech Stack: Java

JETBRAINS

Mar 2024 - Mar 2025

SOFTWARE ENGINEER 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, delivering a robust API for other developers.

Tech Stack: Kotlin, KotlinJs, WebAssembly

KERTOS

Mar 2022 - Dec 2023

FULLSTACK DEVELOPER & 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 ideal holiday hotel from a vast database of over 100 millions offers, efficiently filtering options based on user input in under 1 second.
- Leveraged Docker to containerize the application, deploying it onto a Virtual Private Server (VPS) enabling access over the web

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

LEADERSHIP

GOOGLE DSC CORE MEMBER

Mar 2022 - present

CORE TEAM MEMBER FOR THE MUNICH GDSC

- Instrumental in organizing campus, Google office, and corporate events, consistently attracting audiences of 20 to 120 people, and playing a pivotal role in the planning of Google DevFest at year-end
- 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 |