



## 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

- Planning to major in databases with a minor in algorithms and scientific computing

### TECHNICAL UNIVERSITY MUNICH

Oct 2020 - Apr 2024

B.Sc. IN COMPUTER SCIENCE

- Completed an intensive algorithms and data structures course
- Specialized in networks and distributed systems, with a strong emphasis on Linux

## WORK EXPERIENCE

### JETBRAINS

Mar 2024 - present

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

### 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

### JETBRAINS

Oct 2023 - present

CAMPUS AMBASSADOR

- Lead the organization of student events aimed at promoting JetBrains products and cultivating a vibrant campus community.

### 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	<b>Native:</b> German, Polish <b>Fluent:</b> English <b>Beginner:</b> French