

Richard Pfannenstiel

Software Engineer



Website



GitHub



LinkedIn



template@email.de



+49 123 456789

EXPERIENCE

ILAB TEACHING ASSISTANT TECHNICAL UNIVERSITY MUNICH

March 2022 – Current

- Guiding students to build networks equipped with all the important protocols making up the Internet of today. Topics include Dynamic Routing, TCP/UDP, DNS, NAT and DHCP, TLS and Packet Filtering, QUIC and Wireless LAN.

AGILE COACH AND PROJECT LEADER TECHNICAL UNIVERSITY MUNICH

April 2020 – August 2021

- Coached an international team of student developers to create an interactive and adaptive workout application for the TUM Health and Sport Sciences department.
- Led an agile team building an application for diagnosis and configuration of exceed IoT gateways.
- Facilitated customer communication and project management building an application for Zeiss customers to keep track of their eye care progress and interactions with vision care products.

IOS DEVELOPER iHAUS

October 2019 – February 2020

- Worked as an iOS developer in an agile software development team for the iHaus AG to build a community-based application enabling users to assist people who are in need of help.

PROJECTS

VISION-BASED HUMAN MOTION CAPTURE IN GERIATRIC ASSESSMENT

SwiftUI • UIKit • Google MLKit • TestFlight

- Developed an iOS application in the course of my Master's thesis for the automatic assessment of the Short Physical Performance Battery in clinical practice using vision-based human pose detection.

FLUTTER APPLICATION FOR INNOVATIVE LOCKER SYSTEMS

Flutter • Dart • GitHub Actions • TestFlight • Supabase • MQTT • AppStore Connect

- Build a hybrid Flutter application for a startup I was working on with fellow students. Created a CI/CD pipeline and conducted hands-on user tests.

HOCHSCHULHAUS GARCHING IOS APPLICATION

SwiftUI • Firebase • REST • AppStore Distribution

- Designed and created an extensive iOS application for the student dormitory I was living in. The project involved the elicitation of requirements, beta tests, continuous feedback integration, delivery and distribution to the Apple AppStore.

REACT WEBAPP AND BACKEND SERVICES FOR A UNIVERSITY PROJECT

React • Spring • REST • MongoDB • Docker

- Developed both a frontend and backend service using React and Spring. Designed the microservice architecture for distribution of authentication and various other services.

SKILLS

PROGRAMMING

Proficient:

Swift • Java

Experienced:

JavaScript • Python • HTML • CSS • LaTeX

Familiar:

Dart • R • SQL

LIBRARIES/Frameworks

SwiftUI • React • Flutter

TOOLS

Git • Atlassian Suite • Figma • XCode • Keynote

LANGUAGES

German Native

English Full Professional

French Limited Working

EDUCATION

MASTER'S IN COMPUTER SCIENCE

TECHNICAL UNIVERSITY OF MUNICH
2021 - 2024 | Munich

BACHELOR'S IN COMPUTER SCIENCE

TECHNICAL UNIVERSITY OF MUNICH
2017 - 2021 | Munich