

Vincent Halász

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Working Experience

Nextaim GmbH

BACKEND DEVELOPER

Munich, Germany

July 2023 - Present

- Migration of an enterprise backend from golang microservices to a Node.js monolith (golang, AWS, TypeScript, Node.js, Fastify, PostgreSQL, Docker)
- Continuous development of a Node.js based enterprise backend
- RESTful API specification (Swagger, Postman)

Fireflow Accelerating Technology Ventures GmbH

SENIOR IOS APP DEVELOPER

Munich, Germany

May 2021 - May 2023

- Development of the Meiller MiDrive iOS App (Swift, SwiftUI, UIKit, SPM, CocoaPods, Xcode, BLE communication)
- Requirements elicitation, system specification and design of new features (figma)
- Project management (Phabricator, Slack)
- CI (Jenkins, Buildkite, fastlane, Firebase, App Store Connect)
- testing (XCTest)
- RESTful API specification (OpenAPI, Postman, Swagger)

Scalable Capital GmbH

INTERNSHIP CS AND SALES

Munich, Germany

June 2020 - July 2020

- Customer support in the areas order execution and portfolio management (salesforce)

Fondsconsult Research AG

MACHINE LEARNING ENGINEER

Munich, Germany

May 2019 - May 2020

- Research and implementation of algorithms for predicting investment fund performance (Python, Tensorflow, Keras, SciPy, jupyter, Morningstar Direct)
- Assistance on the publications “Robo-Advisor-Studie” and “VV-Studie” (MS Office, Morningstar Direct)

Getnow New GmbH

DATA ANALYTICS AND MANAGEMENT

Munich, Germany

Jun. 2018 - Oct. 2018

- Develop automated data analysis tools for the product and services department (Python, SciPy, Keras, Tensorflow)
- Web scraping and data analysis tasks for the marketing department (Python)
- Database maintenance (MySQL)

Education

TUM (Technical University Munich)

BACHELOR IN INFORMATION SYSTEMS

Munich, Germany

Apr. 2020 - Sept. 2023

- Thesis on the use of blockchain for handling personally identifiable information (Eosio, Quorum, Go, Node, TypeScript, Angular, Vapor, MySQL, MongoDB, Docker)
- iOS internship - Bosch (Swift, SwiftUI, UIKit, CocoaPods, Xcode, OAuth, Postman, BLE Communication, Jira, Confluence)

TUM (Technical University Munich)

BACHELOR IN TECHNOLOGY AND MANAGEMENT

Munich, Germany

Oct. 2017 - Mar. 2020

LSH-Ising

GENERAL QUALIFICATION FOR UNIVERSITY ENTRANCE

Chieming, Germany

Aug. 2013 - Jul. 2015

- Theater group, Big Band, Rowing club

Projects

Dimmi! Chat

FULLY ANONYMOUS SELF-HOSTED CHAT

Apr. 2023 - present

- Self-hosted chat allowing for fully anonymous communication
- PWA with easily deployable back-end (Angular, Docker, Go)

Prisma Identity

CREATION AND SHARING OF VERIFIABLE CREDENTIALS

Sept. 2022 - Mar. 2023

- Platform for easily creating and sharing verifiable credentials
- Development of a Flutter-based mobile application (Flutter, Dart, Node, MongoDB)

Noisy One

HYBRID SINGLE-DRIVE MOTORCYCLE

Sept. 2022 - present

- Transformation of an old Kawasaki into a direct-drive hybrid motorcycle
- Conversion of analog engine control to self-programmed micro-controllers (Arduino, C++)
- Development of iOS mobile application for vehicle control and infotainment (Swift, SwiftUI, BLE communication)

Street Treasures

ANONYMOUS PLATFORM FOR POSTING GIVEAWAY GOODS

Aug. 2022 - present

- Platform for posting descriptions and locations of giveaway goods placed on the street
- SwiftUI mobile app, Service-oriented architecture, AI-based content moderation (SwiftUI, Go, PostgreSQL, Google AI)

Skills

Programming Languages TypeScript, JavaScript, Swift, Go, Python, Dart
Mobile Frameworks SwiftUI, UIKit, Flutter

Backend Frameworks Vapor, Node, Fastify

Storage Frameworks PostgreSQL, MongoDB, SQLite, MySQL, Realm Swift

Blockchain Quorum, Eosio

Web Frameworks React.js, Next.js, Angular

Machine Learning Frameworks Tensorflow, Keras, SciPy, jupyter

Project Management Phabricator, Jira, Confluence, Asana

Devops Bitbucket, Github, Firebase, fastlane, Docker, AWS

Languages German: C2, English: C2, Portuguese: B1, Spanish: A2, Italian: A2