

# Christopher Nagy



Experienced full-stack engineer using modern technologies like Vue.js, Spring, and Kubernetes. Proactive problem solver and communicative team player, passionate about learning iteratively, driving innovation, and enhancing user experiences.

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## Experience

### Software Engineer - Lion5 GmbH, Bamberg

Mar 2022 – Apr 2024

- Maintain and enhance web applications by fixing bugs, optimizing UI designs, or adding new features based on user feedback and domain requirements.
- Design and implement an event-based architecture for disaster management in a startup-like team.
- Deploy and manage Docker images of microservice-based architectures in a Kubernetes cluster within GCP.

### Frontend Developer - PERBILITY GmbH, Bamberg

Nov 2021 – Feb 2022

- Implemented and tested the large-scale HR application HELIX using the JavaScript framework ExtJS.
- Support during development of a mobile app using Capacitor to re-use an existing web code base.

### Software Tester - PERBILITY GmbH, Bamberg

Mar 2020 – Oct 2021

- Created and curated automated end-to-end tests using JavaScript, minimizing manual validation efforts.

### Academic Tutor: Discrete Mathematics - University of Bamberg

Oct 2019 – Feb 2020

- Support fellow students by structurally presenting and discussing mathematical contents.

## Education

### M.Sc. Applied Computer Science (Grade: 1.1) - University of Bamberg

Apr 2022 – Apr 2024

- Winter 2022/23: semester abroad at Blekinge Institute of Technology in Karlskrona, Sweden.

### B.Sc. Information Systems (Grade: 1.6) - University of Bamberg

Apr 2018 – Sep 2021

## Projects

### DigiMap - master's thesis @ Lion5 & Smart City Bamberg

Progressive web app for disaster management using an event-driven architecture (MQTT) combined with a traditional REST API - built with VueJS, TypeScript, Spring Boot, Kotlin.

### Bamberg Gutscheine - Lion5 team project

Digital voucher platform for different user types and tenants (cities) based on microservices (Spring Boot, Java) and VueJS & Nuxt in the frontend.

### Jourly - university team project

Android journaling & mood tracking app built with Kotlin.

### nagychris.github.io

Personal website created with HTML, JS, CSS (Bulma).

### UniGrade

Mobile-first web app for tracking university grades & GPA, built with Angular, TypeScript and Ionic.

## Skills

### Frontend

VueJS, Nuxt, JavaScript (ES 2015+), TypeScript, HTML, CSS, Sass

### Backend, DB & Infrastructure

Java, Kotlin, Spring, Spring Boot, Postgres, MongoDB, EventStore, Docker, Kubernetes, Terraform, GCP, GitHub Actions

### Machine Learning

Python, Numpy, PyTorch

### Collaboration & Softskills

SCRUM, Kanban, GitHub, learning mindset, team spirit, analytical thinking

## Languages & Interests

German (native), English (C1), Spanish (B2)

Basketball, yoga, reading, music production