Christopher Nagy

Experienced full-stack engineer using modern technologies like Vue.js, Spring, and Kubernetes. Proactive problem solver and communicative team player, passionate about creating performant and user-friendly applications that solve real-world-problems.

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Experience

Software Engineer - Lion5 GmbH, Bamberg
Mar 2022 – Apr 2024

- Maintained and enhanced scalable, cloud-native web applications and their APIs, applying REST principles and using technologies like SpringBoot, Java, and Vue.js with TypeScript.
- Extended end-to-end and unit test suites to increase stability and reliability of web-based systems.
- Designed and implemented performant, user-centered UI screens and workflows using Figma and Vue.js.
- Continuously integrated and deployed microservice-based architectures in a Kubernetes cluster within GCP.

Frontend Developer - PERBILITY GmbH, Bamberg
Nov 2021 – Feb 2022

- Verified and extended the low-code framework HELIX using JavaScript, ExtJS, and Bryntum Siesta.
- Supported development of a hybrid mobile app using Capacitor to re-use existing web application code.

Test Automation Engineer - PERBILITY GmbH, Bamberg
Mar 2020 – Oct 2021

- Created and curated automated GUI tests using JavaScript, increasing reliability of the HELIX platform.
- Switched to frontend developer role due to pro-active engagement and extensive motivation to learn.

Education

M.Sc. Applied Computer Science (Grade: 1.1) - University of Bamberg
Apr 2022 – Apr 2024

- Practical focus on software engineering and AI, e.g., via Service-oriented Architectures or Deep Learning.
- 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)
Designed and developed major parts of the progressive web app for disaster management using Vue.js, TypeScript and VitePWA. Substantially influenced the architectural design and implementation of the event-driven architecture based on MQTT (WebSockets) and REST principles.

Bamberg Gutschein (Lion5 team project)
Digital voucher platform for Bamberg and other cities (SaaS) - based on VueJS, Nuxt, SpringBoot, Java/Kotlin.
Implemented a business customer portal allowing to buy vouchers for employees on a recurring basis.

Jourly (university team project)
Android journaling and mood-tracking app, aiming to improve user's mental health and well-being.

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

nagychris.dev
Personal portfolio using Nuxt 3, Vue.js & TypeScript.

Skills

Frontend
Vue.js, Nuxt, TypeScript, JavaScript (ES 2015+), HTML, CSS, Sass, Figma, Sentry, Jest, Cypress

Backend, DB & Infrastructure
Java, Kotlin, Spring, Spring Boot, PostgreSQL, MongoDB, EventStore, Docker, Kubernetes, Terraform, GCP, AWS, GitHub Actions

Machine Learning
Python, Numpy, PyTorch

Tools & Softskills
SCRUM, Git, GitHub
growth mindset, team mentality, solution-oriented

Languages & Hobbies

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

Basketball, yoga, reading, music production