

CHRISTIAN MATSCHKE

SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

- auftrag-select.com** 2022 - Present
- Developed an enterprise CMS web application for real-time management of large data sets (over 1,000,000 records), including a tender mediation platform.
 - Deployed on **Google Cloud Platform (GCP)** with **Kubernetes**. Backend built using **Spring Boot** and **Kotlin** (**MongoDB**, **Elasticsearch**, **Kafka**), frontend developed with **Next.js** (version 14) in a monorepo structure.
 - Implemented an event-driven architecture and led product design efforts.
 - Set up an automated CI/CD pipeline to streamline development and deployment processes.
- fanzz.io** 2023 - 2023
- Developed a web crawler for adult content and a corresponding search website.
 - Utilized Kotlin, Spring Boot, **Playwright**, and Next.js for development, focusing on SEO optimization.
- artconnect.com** 2021 - 2022
- Migrated the platform from a Ruby on Rails monolith to a microservices architecture on Kubernetes and GCP.
 - Implemented the backend using Spring Boot and Kotlin, integrating **PostgreSQL**, **Elasticsearch**, and **Kafka**.
 - Developed the frontend using Next.js.
- around.pet** 2020 - 2022
- Architected and developed the backend infrastructure for an innovative pet app startup, leveraging Node.js services and PostgreSQL to ensure robust data management and high performance.
- Project Management Tool** 2019 - 2020
- Developed a project management tool for Deutsche Wohnen using PHP.
 - Included features such as a project plan and time management tool.
- auftrag-select.de** 2018 - Present
- Created a Java/Kotlin-based web crawler for data acquisition, visiting over 100 different websites.
 - Developed a content management system (CMS) in PHP for efficient data handling and management.

EDUCATION

- University of Potsdam (not completed)** *B.Sc. Business Informatics* 10/2016 - 10/2018
- Relevant coursework: Data Structures, Algorithms, Database Systems, Business Process Management
 - Reason for leaving: Started own business and gained practical experience in the field

SKILLS AND LANGUAGES

Technical Skills

- Extensive experience in using **Kotlin**, **GCP**, **Kubernetes**, **Helm**, **Kafka**, **Elasticsearch**, **Java**, **PHP**, **JavaScript**, **TypeScript**, **SQL**, **PostgreSQL**, **MongoDB**, **REST**, **OOP**, **Spring Boot**, **React**, **Next.js**, **Gradle**, **Selenium**, **Figma**, **Linux**, **Playwright** and **Nginx**.
- Proficient in developing and deploying scalable applications using **GCP** and container orchestration with **Kubernetes** and **Helm**.
- Skilled in backend development with **Spring Boot** and **Kotlin**, as well as frontend development with **React** and **Next.js**.
- Experience in database management with **PostgreSQL**, and **MongoDB**.
- Strong knowledge of **OOP** principles and development of **RESTful** APIs.
- Familiar with build tools like **Gradle** and testing frameworks like **Spring Boot**.
- Proficient in design and prototyping with **Figma**.
- Solid understanding of server management with **Linux** and **Nginx**.

Languages

- Fluent in German (native speaker)
- Proficient in speaking, understanding, and writing. Experienced in using English in professional and technical contexts.