Florian Woelki ⚲ 🔗 ▶

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SKILLS

TypeScript | JavaScript | Go | Python | SQL | NoSQL | Node | React | Vue | Tailwind | PyTorch | Machine Learning | AWS | Next | CI/CD | Unit Testing | E2E Testing | English, German - *All professional proficiency or above*

EXPERIENCE

- **Web Team Lead**   **Complori / Codary**   *Berlin, Germany* 2022 - today
  - Led the web team building a more scalable and maintainable web architecture using technologies like **Google Cloud**, **React**, and **Next**, resulting in a decrease of the bundle size by over 30%.
  - Led the development of a scalable interactive web coding IDE using **Go**, **React**, **Next**, and **Google Cloud** resulting in an overall increase of customer retention and satisfaction.
  - Achieved with the founders to get an investment of a seven-figure sum to develop an application in the field of education and machine learning.
  - Continuous Integration/Deployment pipeline integration, load/stress testing, unit/integration/e2e testing leading to a more stable and reliable web application.
  - Provided mentorships to team members and interns through 1-1 meetings and code reviews.

- **IT Consultant**   **Company Consulting Team**   *Berlin, Germany* 2019 - 2021
  - Engineering owner of an inhouse HR and polling tool that increased the productivity of other teams and the interactivity in meetings using **Vue**, **TypeScript**, and **Node**.
  - Designed and developed a highly effective landing page with **React** and **TypeScript** for a real estate company, resulting in a 30% increase in leads.
  - Utilizing **Python** and **SQL** to merge and analyze multiple data sources for a data science project, resulting in valuable insights and actionable recommendations for the client.

- **Fullstack Softwarearchitect**   **Deutsche Telekom**   *Berlin, Germany* 2017 - 2022
  - Designed and developed a frontend and backend microservice architecture with **TypeScript**, **Java**, **Hibernate**, **Vue**, **React**, and **SQL** for a client's migration from a monolith application.
  - Built a real-time situational awareness dashboard with efficient event and KPI calculation using **Java**, **SpringBoot**, **Scala**, **React**, and **TypeScript**, to improve decision-making in critical situations.
  - Build and compared different machine and deep learning algorithms for a BLE proximity solution with variable object configuration in indoor areas resulting in a decrease of costs and increase in accuracy developed in **Python**, **Tensorflow**, and **Kotlin**.
  - Spearheaded the full-stack development with **Java**, **SpringBoot**, **Scala**, and **React** of a real-time indoor asset tracking service, leveraging cutting-edge technologies such as UWB, LTE, and BLE.
  - Designed and developed an android app with **Kotlin** and **SQL** that pairs a Bluetooth Low Energy Beacon with a QR-Code which had a significant contribution to the overall team productivity.

EDUCATION

- **Master of Science in Artificial Intelligence**   Remote, Germany
  IU International University / London South Bank University   *2021 - 2024*
- **Bachelor of Science in Computer Science**   Leipzig, Germany
  Dual Study on HfTL and Deutsche Telekom   *2017 - 2020*

PROJECTS

- **reflow**: Compiled and interpreted programming language that is easy to learn and easy to use developed in Go.
- **kira**: Scalable and production ready remote code execution engine that allows to run code in an isolated environment developed with Go including a web code editor written in React.
- **sketchy**: Rendering and animating handwritten-like SVG with a custom rendering engine.
- **Icon Folder**: Plugin for the obsidian editor to add icons of any kind to your folders/files which has over 200000 downloads.