Florian Woelki ⚲ 🔗 ▶

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SKILLS

TypeScript | JavaScript | Go | Python | Java | Rust | SQL | NoSQL | Node | React | Vue | Redux | |Tailwind
PyTorch | Machine Learning | Cloud Computing | CI/CD | Jest/Vitest | Unit Testing | Game Development |
Microservices | Frontend | Backend | Full-Stack | English, German - *All professional proficiency or above*

EXPERIENCE

- **Codary** — Berlin, Germany
  Web Team Lead and Fullstack Softwarearchitect — *2022 - today*
  - **Education Web App**: Leading the web team to build an education web application specifically for kids learning programming. (*Next.js, TypeScript, Tailwind, Google Cloud*)
  - **Interactive Web IDE**: Developing an scalable and interactive Web IDE for running code in the browser. (*Go, Next.js, TypeScript, Tailwind, Google Cloud*)

- **Deutsche Telekom** — Berlin, Germany
  Fullstack Softwarearchitect — *2017 - 2022*
  - **From Monolith to Microservices**: The customer wanted to migrate from a complete monolith application to a microservice architecture. A micro frontend and backend architecture allow developers to freely add and scale their services. I had a significant impact and responsibility of designing a micro frontend and backend architecture for easy scaling, maintaining, and monitoring. (*Webpack, TypeScript, Java, Hibernate, SQL, Lit, Vue*)
  - **Situational Awareness Dashboard**: Designing and developing a situational awareness dashboard with realtime functionality and efficient calculation of different events and KPIs. (*Java, SpringBoot, Scala, Angular, TypeScript*)
  - **Real time Indoor Tracking**: Fullstack development on a real time asset indoor tracking service including UWB, LTE, and BLE. (*Java, SpringBoot, Scala, Angular*)
  - **Pairing Android App**: Designing and developing an android app that pairs a Bluetooth Low Energy Beacon with a QR-Code. (*Kotlin, SQL*)

- **Company Consulting Team** — Berlin, Germany
  IT Consultant — *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.

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

- **Todover**: A fully functional weekly planer web application for easier managing your tasks and deadlines. *(Vue, TypeScript, Node.js, Postgres, Prisma, GraphQL)*
- **Insta-Clone**: Scalable instagram clone powered by microservices. *(React, TypeScript, Go, gRPC)*
- **Kira**: Kira is a fully functional remote docker based sandbox code execution engine written in Go. *(Go, Docker)*
- **Vue Cirrus**: Open Source Vue component library for the Cirrus CSS framework. *(Vue, JavaScript, CSS)*
- **Fake Graph**: A fake GraphQL server for practicing using GraphQL. *(GraphQL, TypeScript, TypeORM)*