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

- **Web Team Lead**   **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 an increase 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.
  - Continuous Integration/Deployment pipeline integration, load/stress testing, unit/integration/e2e testing

- **Fullstack Softwarearchitect**   **Deutsche Telekom**   *Berlin, Germany* 2017 - 2022
  - Designed and developed a frontend and backend microservice architecture with **TypeScript**, **Java**, **Hibernate**, **Vue**, **Lit**, 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**, **Angular**, and **TypeScript**, improving decision-making in critical situations.
  - Spearheaded the full-stack development with **Java**, **SpringBoot**, **Scala**, and **Angular** 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.

- **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.

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

- **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.
- **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)*
- **Vue Cirrus**: Open Source Vue component library for the Cirrus CSS framework. *(Vue, JavaScript, CSS)*
- **Fake Graph**: Fake GraphQL server that can be easily used and set up to fake data with a GraphQL schema developed in TypeScript and TypeORM.

OTHERS

- **STARTHACK Hackathon**: Won the first price on a challenge for developing an interactive map where residents of Switzerland could post infrastructure improvements and vote on them.
- **Talk: Applications of GPT-3**: Invited by DLR to give a keynote presentation regarding the applications in software development of the language model GPT-3.
- **Talk: What is artificial intelligence?**: Twenty minute talk about what artificial intelligence is and is not.