Tobias Belch

Tech & Frontend Lead

[linkedin](#) [website](#)

German

native

English

C

I love my profession!

I love that I'm pushed to keep on working my skills to produce better products! I love to figure out how to improve the wor

With that out of the way:

Hi!

I'm Tobias, a passionate Software (Web) Developer and Tech Lead with over 15 years of experience. While I've worked across

Beyond coding, what I enjoy most, is taking ownership of the critical technical challenges and ensuring that the company vi

My Principles

❶ Communicate respectfully and transperantly
❷ Have a requirements focused architectual and development process
❸ Achieve good and maintainable code, based on the architecture, automated testing and the concept of polite code (https
❹ Clear the path of obstacles for the team ⬜ the team is king
❺ Share knowledge within your team and beyond

Skills

TypeScript & JavaScriptReact.jsNext.jsNode.jsREST-APIJestReact Testing LibraryCSS (modules)MentoringSoftware ArchitectureCypressPlaywrightTailwind CSSDockerGitNestJSGraphQL

Work

Senior Software Engineer

DocMorris

2023/08/01   Present

Health in one click, by digitalising the patient - pharmacy relationship in Germany.

Highlights

- Building a next generation online pharmacy with an amazing team
- Researching and implementing technical solutions
- Mentoring and onboarding colleagues
- Migrating a web application to be white-label ready and onboarding multiple brands

Projects

- White-Label online Pharmacy (TypeScript, React, Next.js, Tailwind CSS, REST)

- Skills
- TypeScript
- React.js
- Next.js
- Node.js
- Jest
- React Testing Library
- REST-API
- GraphQL
- Mentoring
- Software Architecture
- CSS Modules
- Tailwind CSS
- Git

Work

Head of Engineering

Made2Flow

2022/12/01   2023/07/31

```
Helping the fashion industry to improve their environmental impact, by making better choices across the whole supply chain.
```

Highlights

- Diving deep into the domain of fashion and sustainability
- Building the next generation data model together with the CPO
- Mentoring and onboarding colleagues
- Communicating with business partners and driving the technical integration

- Skills
- Data Modeling
- Requirements Engineering
- Mentoring
- Software Architecture
- Team Leadership
- TypeScript
- React.js
- Next.js
- NestJS
- GraphQL

Work

Technical Lead

eHealth-Tec GmbH

2020/04/15   2022/11/30

```
Digitalising the german health system, by improving the experience for patients, doctors and pharmacists.
```

Highlights

- Bulding User Interfaces with React, Next.js and TypeScript
- Developing Backend for Frontends as Anti Corruption Layers with Node.js and NestJS
- Mentoring and onboarding colleagues
- Achieving transparent and efficient communication between the Team and Stakeholders
- Driving a Requirements based Software Architecture and Development process

Projects

- White-Label online Pharmacy (TypeScript, React, Next.js, NestJS, REST)
- Veordnungssoftware (PVS integrated prescription creation) (Software Architecture)
- Browser based e-prescription creation for doctors (TypeScript, React, Material-UI)]

- Skills
- JavaScript
- TypeScript
- React.js
- Node.js
- Next.js
- NestJS
- Jest
- Cypress
- REST-API
- GraphQL
- Mentoring

- Software Architecture
- Material-UI
- SASS
- Cascading Style Sheets (CSS)
- Docker
- Git

Work

Head of Engineering

Medtower UG

2018/09/30   2020/04/15

```
Medtower UG develops soft- and hardware solutions to make tasks in hospitals more transparent and productive.
```

Highlights

- Driving the architecture and development of Node.js microservices and SPA
- Building realtime communication with AMQP 1.0 and Apache Qpid Message Broker
- Providing the geo and map specific information in an offline environment with OpenMapTiles Server
- Mentoring and coaching of coworkers
- Management of the external work of a Apache NIFI consulting company

Projects

- Medtow Radar - Using IoT to observe and control hospital devices like beds and wheelchairs
- Individual ETL Solutions - Using Apache Flink, Nifi and Node.js to migrate, transform and aggregate medical data

- Skills
- JavaScript
- TypeScript
- React.js
- Node.js
- NestJS
- Jest
- REST-API
- Mentoring
- Software Architecture
- Material-UI
- Bulma (CSS Framework)
- SASS/SCSS
- CSS
- Java
- Docker
- Git
- AMQP Messaging
- Apache Nifi
- Apache Flink

Work

Software Developer

remind me GmbH

2018/02/28   2018/08/31

```
Development of a B2C web application in an agile (Kanban) team of five developers. Refactoring and adapting the application
```

Highlights

- Creating the technical concept for the white label product
- Feature toggles with lazy loading
- Modular components with React and Flow for flexible use in different contexts
- Mentoring of junior and mid-level developers

- Skills
- JavaScript
- Flow.js
- React.js
- Jest
- REST-API
- Mentoring
- Software Architecture
- Semantic UI
- Bulma (CSS Framework)
- SASS/SCSS
- CSS

- Docker
- Git
- Redux

Work

Software Developer

Cedavis Technology GmbH

2009/08/31   2018/01/31

```
Data Warehouse and reporting solutions for health care institutions
```

Highlights

- Frontend development with TypeScript, React, Redux and SCSS
- Interactive charts with D3
- Module for PDF reports from React components with Java Nashorn
- Development of a web application with Angular.js 1
- Simulation of the future data development

Projects

- PKMS Management - Optimise working processes in health care institutions
- Live Reporting - Live reports about patients, bed and staff availability in health care institutions

- Skills
- JavaScript
- TypeScript
- React.js
- REST-API
- CSS
- LESS
- Java
- Git
- Redux

Proj

Resume

2022/07/10   2022/07/17

```
Delivering my resume build with web technologies, giving me an opportunity to learn and showcase skills, thought and work p
```

Highlights

- Getting to know astro (https://astro.build/)
- Using a Figma a little bit more in depth
- Practicing architecture documentation

- Skills
- TypeScript
- Astro
- JSX
- CSS
- GitHub Actions
- Software Architecture

  [Project](#)

Cert

iSAQB Certified Professional for Software Architecture - Foundation

2022/05/31   oose

  [Credential](#)

Cert

Domain Driven Design

2021/12/31   entwickler.de

Edu

Bachelor of Science - BS

Computer Science

2007/12/31   2011/12/31@Berlin University of Applied Sciences Berlin (BHT)
Score 1,9

In my thesis I examined program code generation with Evolutonary Algorithms. As a practical example I wrote a software to g