



► Passionate API designer and enthusiast about clean and robust code. Intrinsicly motivated team player with a creative vein and a fondness for web design.

## ►►► SUMMARY

[ Read the full detailed CV at <https://cv.danieldietrich.dev> ]

Daniel is a highly motivated Senior Software Engineer, Open Source Community Leader and Author with 18+ years of experience. He has excellent programming skills and covers a broad range of technologies.

Daniel is passionate about API design and enthusiastic about clean and robust code. He collaborates with developers around the world on the GitHub platform and is sharing his knowledge by writing articles and books.

## ►►► EXPERIENCE

### Open Source Project Leader

Vavr (formerly Javaslang), 2014 - now

- Reified the vision of being #1 project for functional programming in Java. Built a vibrant international community and a network of open source developers and sponsors.

### Senior Software Engineer

Hamburg Commercial Bank, 2008 - now

- *Microservice Integration Architecture for Capital Markets IT (2019-2020)*. Designed and implemented a Capital Markets data access layer based on Open API/spec first, incl. security.
- *Digital transformation of the Know Your Customer onboarding process (2018-2019)*. Implemented an event-driven frontend in React and TypeScript that reflected updates of the onboarding process in real-time.
- *Blockchain based trading platform for bonded loans (2016-2018)*. Worked with an interdisciplinary team of German banks on the architecture and implementation of a trading platform for bonded loans.

### Software Engineering Consultant

Gentleware AG, 2008

- HSH Nordbank AG: *Middleware for booking final taxes (2008)*. Design and implementation of an enterprise middleware for passing payments and final taxes to multiple systems.

### Software Developer

b+m Informatik AG, 2002-2007

- HSH Nordbank AG: *Web application for compliance (2007)*. Created a Java client/server application to support compliance.
- UBS Germany: *Reimplementation of the asset management system (2006)*. Consultancy, requirement analysis and reimplementation of the asset management system.

### Student Assistant

Inst. of Med. Inf. and Statistics, 1998-2002

- Gave introductory courses about biometrics for medical students. Used statistics software SPSS and R.

## ►►► EDUCATION

### Master's degree of Computer Science

University of Kiel, 1997-2006

- Final degree dissertation "Generator Debugging im modellgetriebenen Software-Entwicklungsprozess: Architektur und Implementierung"

## CONTACT

📍 Kiel, Germany

☎ +49 151 645 00 968

✉ mail@danieldietrich.dev

in linkedin.com/in/daniel-dietrich-kiel

🐙 github.com/danieldietrich

🐦 @danieldietrich

## PROGRAMMING LANG

TypeScript	★★★★★
JavaScript	★★★★★
Java	★★★★★
Bash	★★★★★
Scala	★★★★★
Python	★★★★★
Haskell	★★★★★

## TECHNOLOGIES

</> React 🏠 OpenAPI

🔍 OAuth & JWT 🗄 SQL & NoSQL

## TOOLS

</> VS Code 🐙 Git >\_ zsh

🐙 GitHub ☕ Coffee :)

## IN GRAPHICS...

