

Head of Engineering at Equation (VC/PE fund manager)

Jan 2024 - Jun 2024

- **Led a cross-functional team of internal and external specialists**, ensuring collaboration and timely project delivery
- **Transitioned R&D prototypes into production-ready solutions**, advancing the company's technical capabilities
- Developed **AI-driven reporting** for 20+ financial analytics, leveraging LLMs to cut report creation time significantly
- Revamped testing and CI/CD infrastructure in an AWS/Node.js environment to streamline feature delivery

CTO at CAPVERIANT (Fintech) - rejoined Deutsche Pfandbriefbank AG

Jan 2022 - Oct 2023

- Tech lead in a corporate-backed fintech startup, shaping a digital marketplace for European public finance
- **Managed multiple international teams and contractors**, fostering a lean and agile culture
- Held **disciplinary responsibility and budget autonomy**, including delegated **act of attorney**
- Role as **Head of product management**, steering cross-functional alignment with a customer-first mindset
- Drove **KPI- and outcome-driven roadmaps**, ensuring strategic clarity and measurable user value
- Transformed IT landscape for **regulatory compliance**, securing **licensing by BaFin**, Germany's financial authority
- Overseeing **security and regulatory audits and reports**, supervised by entities like a Big Four accountant and ECB
- Completed +60h of personal coaching and group training via our bank-wide 'Leadership-Academy' program
- **Optimized cloud solutions** using Microsoft Azure, O365, and Dynamics 365 to streamline operations

ENGINEERING EXPERIENCE

Software Engineer at Capveriant (Fintech) Sep 2020 - Dec 2021

Azure | DevOpsSec | IaC | Java (Spring) | Angular | PostgreSQL

Hardening of our platform and **enhancing overall security** measures. Revamp of our **Azure infrastructure to reduce costs** by >30%. Improve automation and digitalization of the customer onboarding process to reduce operational workload and increase overall UX.

Software Engineer at Wealthpilot (Fintech) Nov 2019 - Mar 2020

Java (Spring) | TypeScript | PostgreSQL | DevOps

Empowered customers by creating a tool that automatically aggregates information from multiple banking accounts into one single user-friendly interface.

Software Engineer at financial.com (Fintech) Sep 2016 - Oct 2019

Java (Spring) | Kotlin | vue.js | CI/CD

Spearheaded the transition from a **monolithic architecture to a microservices** approach across the **full stack** in order to provide stock market information to different customer groups. Concurrently implemented CI/CD processes.

Software Engineer at M.O.S.S. (Graphic Analysis) Dec 2014 - Jul 2016

Java (FX) | Tcl/Tk | C

Was **in charge of fullstack architecting and implementing** a new software to simulate wind turbines, their efficiency and pollutional effects on the nearby environment.

Working Student at Ludwig Maximilian University Jun 2013 - Oct 2014

Java | Python | Image processing

Developed an image recognition software for cancer research groups and other studies.

ACHIEVEMENTS / WHAT DRIVES ME

- **Conference, hackathon and meetup aficionado**, like DeFi Summit'23, ETHPrague, ETHMunich Hackathon (**Solidity** project), W-Jax 2015
- **Originator of the winning team** of "Blockchain Mobility Hackathon" in 2018
- Assembling my own mechanical keyboard with a C-based programmable micro-controller
- Customizing **AOSP Android** ROMs for my phone
- Writing fusion-reactor simulations in **Fortran** during an internship at 'Max Planck Institute for Plasma Physics' for the FZ-Jülich TOP500 supercomputer
- Learning Java by writing an image recognition bot from scratch for the game Diablo III; tune it to make me #2 in the worldwide ladder system; reused the algorithm
- For my **1.0 graded bachelor thesis** and
- My **cancer-research co-authorship**: "Stability analysis of chemically modified mRNA using micropattern-based single-cell arrays", 2015, with Christian Plank, Joachim O. Rädler, Christian Meggle et al. in: "Lab on a Chip" (2015, 15, 3561-3571)
- Writing a **LUA script** for the World of Warcraft auction house to finance my studies
- Key member of the #2 ranked WoW guild at that time

EDUCATION

- Languages: German (native), English (fluent)
- Highest degree: Abitur

Ludwig Maximilian University

2008 - 2014

Field of study: Physics

Technical University Munich

2006 - 2008

Field of study: Physics

Oberstufen-Kolleg Bielefeld

2003 - 2006

Abitur