

Valentin Kauth

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EDUCATION

Eberhard Karls Universität Tübingen

Medical Informatios (M.Sc.)

Sep. 2017 – Aug 2020

Hochschule der Medien Stuttgart

Mobile Medien / Media Informatics (B.Sc.)

Sep. 2013 – Aug 2017

EXPERIENCE

Software Engineer & Co-Founder

Digital Rheuma Lab GmbH

Jan. 2022 – Present

Berlin

- UI Design and prototypical development of a patient-focused health application using React Native and Firebase
- Defining a detailed technical roadmap considering all requirements for a certified medical product (class I)
- Kick-starting a company, leading a small team and building initial sustainable and agile company structures

Software Engineer & Product Manager

elbstack GmbH

Dec. 2020 – May 2022

Hamburg

- Conceptualization and UI design (using Figma) of a highly complex documentation, scheduling and invoicing system for inpatient geriatric care used by nursing homes germany-wide
- Product management and full-stack development support for the nursing home project from scratch until release using React, Nest.js, GraphQL and TypeORM.
- Frontend development in various projects (e.g. Crypto Wallet and Coaching Software)

Software Engineer Working Student

Fraunhofer FOKUS

June 2019 – Sep. 2020

Berlin

- Development of a chatbot-based software for automated support in a prevention program with the goal to increase adherence and health literacy using React Native, BotKit and Node.js
- Master's thesis ("*Automation in digital prevention and health promotion*")
- Development support in various digital health projects using React, Vue.js and D3.js

Software Engineer Intern

Codeatelier

Sep. 2015 – Feb. 2016

Stuttgart

- iOS and watchOS development for the smart home application homee using Swift
- Deep dive into communication protocols such as ZigBee, Z-Wave and EnOcean

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML/CSS, SQL (Postgres), GraphQL, Python (basic), Swift (basic), Java (basic)

Frameworks: React, React Native, Next.js, Astro, Nest.js, Vue.js

Developer Tools: Git, Docker, Firebase, VS Code

Libraries: Redux, Styled Components, Material UI, D3.js, i18next, date-fns, Apollo

Product Management Tools: Notion, Confluence, Asana, Jira

Other tools I work with regularly: Figma, Balsamiq, Webflow, Make (Integromat), SendInBlue

PUBLICATIONS

John, M., Billig, A., Einhaus, J., Giertz, C., Kauth, V., Kleppisch, M., & Weisser, H. (2021). *Aufbau eines nationalen Datenatlas zu Daten und Datenarten des deutschen Gesundheitswesens - Projektbericht*

John, M., Kauth, V. & Kleppisch, M. (2020). *Automatisierungsansätze für digitale Therapien - Stand der Praxis*

GOOD TO KNOW

Spoken Languages: German (native), English (fluent), French (ça va)

Hobbies: Football (1. FC Schöneberg), Volleyball, Piano and my lovely dog Pluto

Side Hustles: Working as a canoe and SUP guide from time to time during the summer months

Volunteering: Corona-Nachbarschaftshilfe Tempelhof-Schöneberg