

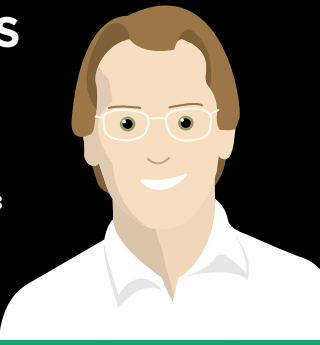
TOBIAS LOHSE

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📍 Chicago, IL



EDUCATION

Bachelors supported by Scholarship of Studienstiftung des deutschen Volkes

4/2014 – 12/2015 | FREIE U. BERLIN

BA in Philosophy & Computer Science

5/2012 – 11/2012 | NORTHWESTERN U.

Bachelor Thesis in Quantum Computing

10/2009 – 5/2012 | U. KONSTANZ

BS in Physics

5/2009 | GRAUES KLOSTER, BERLIN

High School Diploma

8/2006-9/2007 | RANCAGUA, CHILE

Student Exchange Program

VOLUNTEERING

6/2013 - 12/2019 | KENYA & GERMANY

Int'l Coordinator, Kijani

Co-founder of ecological restoration NGO

8/2014 – 6/2016 | INTERNATIONAL

VP, International Fellowship of Reconciliation

Peace organization with over 40 branches worldwide

5/2010 – 5/2012 | KONSTANZ

Student Association Member, Physics Department

Representative to council of physics department and member of DAAD scholarship selection committee

SKILLS

React React Native CSS SVG Email
iOS Android RxJS Redux Apollo
GraphQL Node Express socket.io
PostgreSQL MongoDB PouchDB
Webpack Jest Detox TypeScript
Docker Shell AWS Python scikit learn
R tidyverse PHP Sketch PhotoShop

LANGUAGES

German (native)
English (bilingual)
Spanish (professional)
Latin & Ancient Greek

I craft meticulous web and native apps, using skills garnered from leading a small agile team. With over 4 years of experience in React Native, Node, UI Design, and Machine Learning, I can guide the whole product process. As a startup co-founder I know how to steer products toward strategic business goals and distribute responsibilities through clear communication and governance processes. I love to learn new things and mentor others to grow their unique strengths. My degrees in Physics, Philosophy, and Computer Science exemplify my passion to apply frameworks to solve problems.

10/2016 – 10/2020 | POTSDAM, GERMANY & REMOTE

Co-founder & CTO, Cinuru Research GmbH

- Established sustainable small software company that provides white-label apps, bonus programs, and recommender based marketing services to cinemas in Germany.
- Planned, negotiated, and delivered \$160k white-label project for largest German cinema chain, including coordination with 3 technical partners, on time and on budget.

SOFTWARE DEVELOPMENT

- Architected, built, and maintained production scale React Native apps (~200k MAUs).
- Optimized render and data fetching performance and enabled offline first features.
- Integrated native packages and custom native functionalities in Objective-C and Java.
- Set up website with headless CMS, SSR with Next.js, and animated page transitions.
- Implemented themeable React Native (Web) component library for website, dashboard and native app, including custom CSS in JS framework and Storybook workshop.
- Contributed to GraphQL server development with PostgreSQL deployed on AWS.
- Set up firebase push notification service with custom campaign editor dashboard.
- Led implementation of email templating service with MJML, React SSR, and AWS SES.
- Tested API with Jest integration tests and app with Detox E2E test, including CI setup.
- Managed development of movie recommendation engine in Python.
- Debugged countless issues and sent PRs to fix issues in open source dependencies.

UX & UI DESIGN

- Developed bonus programs based on Octalysis and Hooked gamification frameworks.
- Conducted user interviews, assembled user flows and information architecture, established design system, and designed app and web UI with Sketch.
- Designed scalable white-label theming system, respecting accessibility guidelines.
- Produced Data Visualizations in R for business intelligence product tests.

MANAGEMENT & LEADERSHIP

- Led a remote first team of 4 developers, with a Scrum based process.
- Managed hiring process for 7 employees and established onboarding, career development, performance review, and offboarding processes.
- Contributed to lean startup based business development process with 3 co-founders.
- Facilitated adoption of holacracy framework to develop an agile organization with clear governance, distributed authority, and focused OKR based strategy development.
- Established product feature prioritization, research, and evaluation process.
- Set up customer support and product release and documentation operations.
- Implemented an organization management platform of linked OKR sheets, Kanban boards, role descriptions, company policies, and meeting agendas in Notion.

7/2018 – 8/2018 | BERLIN, GERMANY

Freelancer, App Fiction GmbH

- Built luvdy dating app with React Native in 9 days, including SMS auth and i18n.

1/2016 – 9/2016 | BERLIN, GERMANY

Lead ML & NLP Developer, Aaron GmbH

- Built text classification service in Python with Docker, spaCy, scikit-learn, mongoDB.

11/2012 – 1/2015 | BERLIN, GERMANY

Freelance Web Developer & Designer

- Built websites with PHP, HTML, SVG, CSS, and jQuery for 5 clients.