



Dennis Mai

Senior Software Engineer

I solve problems and improve business outcomes through the expert use of technology, collaboration, and planning. I am fluent in Typescript-based stacks, am comfortable working across full stacks, and have a keen eye for crafting user-centered experiences.

Contact

Address Spitalweg 51, Murten 3280
Email: dmai.developer@gmail.com
Tel. +41 76 400 15 44
Portfolio: dennismai.dev
LinkedIn: linkedin.com/in/dennismai-dev/

Personal Information

Date of birth 11 September 1988
Age: 37
Civil Status: Married
Nationality: USA / Swiss

Skills

- + **Leadership and communication**
Public Speaking, Customer Service, Critical Thinking and Logic, Asynchronous Communication, Teaching and Guiding
- + **Markup and styling languages**
HTML, ejs, (S)CSS, Styled-Components, etc.
- + **Languages, frameworks and libraries**
Typescript, Node, Angular2+, React, Python3, Apollo, Vue.js, Electron
- + **Databases**
PostgreSQL, MongoDB, GraphQL, MySQL, Redis
- + **Design tools**
Figma, Zeplin, Gimp, Inkscape, Adobe XD
- + **Devops and testing**
Docker, Webpack, Heroku, Netlify, Jest, React Testing Library, Vercel, Gitlab CICD
- + **Collaboration and productivity**
Git, Github, Gitlab, Bitbucket, Google & Microsoft Office, Windows, MacOS, Linux, Jira, Salesforce

Languages

English: Bilingual / Native
Vietnamese: Bilingual / Native
French: C1 / C2
German: B2
Spanish: C1 / Bachelor's degree

Scholarship

- **Wichita State University: 2007 - 2012**
Bachelor: Spanish language and culture
Bachelor: Business administration in Economics
- **Universidad de Murcia: 2011 - 2012**
Study Abroad: Spanish language and Economics

Professional Experience

- **Peerdom AG: Sep 2022 - current** *Wabern, Bern, Remote*
Senior Software Engineer
 - Contribute to the planning, design, and implementation of web-based software for revolutionizing organizational design and collaboration
 - Use Agile Methodologies to continuously deliver great software
 - Participate actively in the direction and operation of the company itself, which is self-organized
 - Work closely with external stakeholders and clients to troubleshoot applications, determine current and new needs, and plan and execute their implementations
 - Technologies: Javascript, Typescript, Angular2+, Node, Apollo GraphQL, PostgreSQL, MaterialUI, SCSS, Docker, CICD, Google Cloud, Python, Flask, D3.js

References

Bastiaan van Rooden — CEO, Founder

— **Nothing AG, Peerdome AG**

— +41 79 255 47 23

— bastiaan@peerdome.org

Eric Phillips — Founder, CEO

— **Phillips Design LLC**

— +1 (808) 278 - 7713

— ericedwinphillips@gmail.com

Rob Sherril — Founder, CEO

— **Firegarden Web Services LLC**

— +1 (646) 318 - 0237

— rob@firegarden.com

Benedicte Pourchet Dolliver — CPO

— **DeinDeal AG**

— +1 (310) 463 - 2943

— benedicte@benedictepourchet.com

Interests

— Brazilian Jiu Jitsu: Purple Belt

— Tae Kwon Do & Hap Ki Do: Black belt

— Running and swimming

— Table tennis

- 4x Collegiate regional champions

— Hiking and backpacking

— Reading

— Traveling

Professional Experience continued

○ **Nothing AG: Mar 2021 - Sep 2022**

Wabern, Bern

Software Engineer

- Deliver high-quality, user-centric, and accessible applications that positively affect society
- Develop websites and applications primarily using Vue.js and Nuxt.js
- Collaborate with internal & external stakeholders, primarily remotely, using a modified Agile methodology
- Continuously seek to improve the efficiency and satisfaction of colleagues and company to ensure sustainable growth through self-organizational practices, governance, and structure
- Technologies: Vue.js, Typescript, Node, Express, PostgreSQL, GraphQL, Material UI, SCSS, CSS, Docker, CICD, Angular2+, Vercel, Github

○ **Freelance Software Developer: 2017 - Mar 2021**

Remote

Bryodyn Technologies LLC : 09/2020 - 03/2021

- Develop Electron application for managing complex ecosystem of files & mobile applications on Android Devices for US special forces operators
- Refactored backend to Typescript, database schema, and frontend to allow CRUD operations on Tree data structures; Set up project for unit, integration, & E2E tests; Integrated QLM licensing admin for the company and the app; Automated build process; Set up Android Device management, detection, & file provisioning
- Technologies: Node, Angular2+, RxJS, Electron, Javascript, Typescript, NeDB, Bootstrap, CSS, CICD, Testing, Git, Gitlab, Microsoft Office, Windows

Firegarden Web Services : 1/2019 - 12/2019

- Prototype Quiz application as a Proof of Concept for Ad-based Monetization Strategy
- Technologies: HTML, CSS, SCSS, Javascript, Tailwind, SVN, MAMP, Docker, PHP

Phillips Design LLC : 11/2019 - 5/2020

- Refactoring web crawlers using Puppeteer and update legacy codebase for <https://www.collegeconsensus.com/>
- Technologies: Puppeteer, Node, Javascript, Gulp, Bootstrap, Git, BitBucket, MAMP

Professional Experience continued

○ State Farm Insurance: Oct 2017 - Aug 2018

Team Member

Hawaii, USA

- Consult clients on how to reduce risk with insurance products: auto, home, life, hurricane, etc.
- Collaborate with in-house and remote support
- Lead the local team in new ERP and CRM adoption strategies

○ DeinDeal AG: Jun 2014 - Aug 2016

Zurich, CH

Business Analyst - Inventory Specialist

- Manage and coordinate complex, cross-department operations
- Analyze and process large quantities of raw data to improve business decisions
- Provide in depth reports on inventory movements and prices to improve inventory turnover

○ Other Positions: 2006 - 2017

USA, Remote

- Guide at Skyline Zipline - *Poipu, HI*
 - Offer memorable and safe zipline experiences on the south side of Kauai, Hawaii
- Philmont Ranger, Rayado Ranger - *Cimarron, NM*
 - Offer enriching outdoor experiences as a backpacking guide in the magnificent southern Rocky Mountains in New Mexico
- Spanish Interpreter - *Wichita, KS*
 - Transluate and interpret English and Spanish to and for doctors and patients
- Inventory Specialist and Customer Service Rep at Backwoods Retailer - *Wichita, KS*
 - Consult and sell outdoor equipment
 - Control inventory, process returns and shipments, management vendor orders
- Pizza Guru at Papa Murphy's Take n' Bake - *Wichita, KS*
 - First job in high school, selling and preparing custom pizzas for clients to bake at home