

Dennis Mai

Full Stack Web Developer

🏠 Engelhardstrasse 31, 3280 Murten, Switzerland
✉️ dmai.developer@gmail.com
📞 +41 76 400 15 44



Solving problems and improving business outcomes through expert use of Technology, Collaboration, and Planning. I am fluent in Javascript-based stacks and have a keen eye for crafting user-centered experiences.

Work

Fullstack Developer

10/2022 — Present Peerdom AG — Bern, Switzerland - Remote

- Contribute to the planning, design, and implementation of web-based software for revolutionizing organizational design and collaboration
- Use Agile Methodologies to continuously deliver good software
- Participate actively in the direction and operation of the company itself, which is self-organized
- Work closely with external stakeholders and clients to problem-solve applications, determine current and new needs, and plan and execute their implementations
- Technology: Javascript, Typescript, Angular2+, Node, Apollo GraphQL, PostgreSQL, MaterialUI, SCSS, Docker, CICD, Google Cloud, Python, Flask, D3.js

Frontend Developer

04/2021 — 10/2022 Nothing AG — Bern, Switzerland - Remote

- 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

Freelance Web Developer & Contractor

08/2017 — 04/2021 Remote Contractor

Contract Positions

- + *Full Stack Developer* — 09/2020 - 03/2021 — Bryodyn Technologies LLC
 - Develop Electron application for managing complex ecosystem of files & mobile applications on Android Devices for US special forces operators

Information

Name	Dennis Mai
Born	11 September 1988
Age	34
Relationship	Married
Nationality	USA
Work Status	Permit B
Education	BBA Economics (2012) BLAS Spanish (2012)
Languages	English: Native Bilingual French: Professional Proficiency Spanish: Professional Proficiency German: Conversational Vietnamese: Native Bilingual

Skills

- + **Leadership & Communication**
Public Speaking, Group Dynamics, Listening, Customer Service, Critical Thinking & Logic, Communication, Teaching & Guiding
- + **Markup & Style**
(Semantic & Accessible) HTML, ejs, CSS, SCSS, Styled-Components, CSS Frameworks
- + **Languages, Frameworks, & Libraries**
Javascript ES5+, Node, Typescript, Python3, React + Redux, Apollo, Angular2+, Vue.js, Nuxt.js, Express, Electron, GSAP
- + **Databases**
PostgreSQL, MongoDB, GraphQL, MySQL, Redis
- + **Design Tools**
Figma, Zeplin, Gimp, Inkscape, Adobe XD
- + **Devops, Testing & Deployment**
Docker, Webpack, Babel, Gulp, TravisCI, Heroku, Netlify, Unit & Integration Testing with Jest, React Testing Library, Vercel, Gitlab CICD
- + **Collaboration & Productivity**
Git, Github, Gitlab, Bitbucket, Google & Microsoft Office, Windows, MacOS, Linux, Jira, Salesforce

- 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

- Node, Angular2+, RxJS, Electron, Javascript, Typescript, NeDB, Bootstrap, CSS, CICD, Testing, Git, Gitlab, Microsoft Office, Windows

+ *Frontend Developer* — 1/2019 - 12/2019 - Firegarden Web Services

- Prototype Quiz application as a Proof of Concept for Ad-based Monetization Strategy

- HTML, CSS, SCSS, Javascript, Tailwind, SVN, MAMP, Docker, PHP

+ *Backend Developer* — 11/2019 - 5/2020 - Phillips Design LLC

- Refactoring web crawlers using Puppeteer and update legacy codebase for <https://www.collegeconsensus.com/>

- Puppeteer, Node, Javascript, Gulp, Bootstrap, Git, BitBucket, MAMP

Projects

+ *Polyglotist* — 6/2020 - current project (not yet deployed)

- Objective: improve reading fluency and vocabulary retention for intermediate language learners through reading foreign language newspapers and timed flashcard review

- Typescript, React, Redux, Node, Express, PostgreSQL, Docker, Webpack, SCSS, TravisCI, Google Cloud Translation API, Figma, Inkscape, React-Testing-Library, Jest, Git

- <https://www.github.com/sartoriusrex/polyglotist>

+ *Jiu Jitsu Distilled* - 6/2018 - 12/2018 - <https://jjd-client-v1.herokuapp.com/>

- Objective: improve Jiu Jitsu technique retention through user-created techniques & sequences that users can annotate, link to other techniques & sequences, save, and share.

- React, Redux, Node, MongoDB, Mongoose, Bootstrap, Heroku, MongoDB Atlas, Adobe XD, Jest, MailGun API, Youtube API, Git

- <https://www.github.com/sartoriusrex/jjd-client>

○ State Farm Insurance Team Member

10/2017 — 08/2018 State Farm Insurance — Kapa'a, HI, USA

- Consult clients on reducing risk with appropriate insurance solutions
- Collaborate with in-office and remote Team Members to research and solve insurance claims, fraud, and products
- Lead the local team adopting Salesforce CRM while maintaining and migrating from two legacy systems based on DOS and another monolithi intranet framework

Professional Links

Github github.com/sartoriusrex

LinkedIn linkedin.com/in/dennismai-dev

Website <https://www.dennismai.dev>

Interests & Hobbies

- Brazilian Jiu Jitsu -- Purple Belt

- Running & Swimming

- Table Tennis Club

- 4x Collegiate Regional Champions

- Bear-chasing Backpacker & Guide

- Philmont Scout Ranch Rayado Ranger

- Tae Kwon Do & Hap Ki Do Black Belt

- Avid Reader of many genres

- Continuously Learning to Program

- Mechanical, Ergonomic Keyboards

References

Sean Kelly — Lead Developer

- ***Bryodyn Technologies LLC***

- sean.kelly@bryodyn.com

Rob Sherril — Founder & CEO

- ***Firegarden Web Services LLC***

- +1 (646) 318 - 0237

- rob@firegarden.com

Eric Phillips — Founder & CEO

- ***Phillips Design LLC***

- +1 (808) 278 - 7713

- ericedwinphillips@gmail.com

Benedicte Pourchet Dolliver — CPO

- ***DeinDeal AG***

- +1 (310) 463 - 2943

- benedicte@benedictepourchet.com

○ Business Analyst - Inventory Specialist

06/2014 — 11/2016 DeinDeal AG — Zurich, Switzerland

- Orchestrate complex operations between multiple departments for major online events and inventory management
- Gather, clean, and process raw data to optimize purchasing & sales decisions for sales potential vs. financial risk
- Provide insight and analysis on the supply & demand of physical products

Achievements

+ Tasked with improving Inventory Turnover from 7 months to industry-appropriate benchmarks. Spear-headed major online sales events, analyzed pricing & product lifecycles, and coordinated with other departments. Drastically reduced Inventory Turnover to 3-5 months within 2 months of implementation and re-defined company category management.

○ Other Positions

Various Dates Various Locations in USA

- *Skyline Zipline Guide* - Poipu, HI, USA - Safely, and with pizzazz, provide incredibly memorable experiences while ziplining on the south side of Kauai, Hawaii
- *Philmont Ranger and Rayado Ranger* - Cimarron, NM, USA - Provide life-changing experiences while teaching and guiding backpackers through the beautiful southern Rocky Mountains in New Mexico, USA
- *Spanish Medical Translator* - Wichita, KS, USA - Translate and interpret English-to-Spanish and Spanish-to-English for doctors and patients in medical settings
- *Inventory Specialist and Sales Representative at Backwoods Retailer* - Wichita, KS, USA - Sell gear, clothing, and outdoor adventures to willing victims, and accurately stock, receive and open mail, and handle merchandise and inventory
- *Pizza Guru at Papa Murphy's Take n' Bake* - Wichita, KS, USA - First job in Highschool, making and selling take-home pizzas