

Dennis Mai

Full Stack Web Developer

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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

○ Frontend Developer

04/2021 — Current 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 — Present 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
- 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

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

Information

Name	Dennis Mai
Born	11 September 1988
Age	33
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

+ Collaboration & Productivity

Git, Github, Gitlab, Bitbucket, Google & Microsoft Office, Windows, MacOS, Linux, Jira, Salesforce

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

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.

Additional Links

Github github.com/sartoriusrex
LinkedIn [linkedin.com/in/dennismai-dev](https://www.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 Rayaod Ranger
- Tae Kwon Do & Hap Ki Do Black Belt
- Avid Reader of many genres
- Continuously Learning to Program

References

Sean Kelly — Lead Developer

- *Bryodyn Technologies LLC*
- sean.kelly@bryodyn.com

Rob Sherril — Founder & CEO

- *Firegarden Web Services LLC*
- +1 (646) 318 - 0237
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Eric Phillips — Founder & CEO

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