Dennis Mai
Full Stack Web Developer

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Solving complex 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 and designs.

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
   — Refactorh 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	32
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**
HTML, ejs, CSS, SCSS, Tailwind, Bootstrap, SemanticUI, Styled-Components

⊕ **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, Enzyme, React Testing Library

⊕ **Collaboration & Productivity**
Git, Github, Bitbucket, Gitlab, 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
Website https://www.dennismai.dev

Interests & Hobbies

— Brazilian Jiu Jitsu -- Blue 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