

MATTHEW SHIELDS · FRONT END WEB DEVELOPER

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SKILLS

languages Javascript · Typescript
front end HTML5 · CSS3 · Sass/SCSS · UI Components · Responsive Design
back end NodeJS · ExpressJS · APIs · Postgres · TypeORM · Docker
tools Git · VS Code · Postman · Gulp
libraries ReactJS · Redux · JQuery · Bootstrap
design Adobe Creative Cloud · InDesign · Illustrator · Photoshop · XD

WORK HISTORY

Freelance, Remote

Web Developer Sept 2019 - Current

- Layout and update a client's Squarespace website, including optimization for page speed and SEO, and custom Javascript and CSS code. Coordination on social media strategy.

Graphic Design / Illustrator Dec 2019 - Current

- Original designs, illustrations and branding

August Green (Pro Bono), Remote & Cap Haitien, Haiti

Building Design & Construction Consultant Sept 2019 - June 2020

- Design a large clinic in Haiti, including remote meetings & site visit in Feb 2020

Project : Bethesda Clinic Concept Design

- Guide an inexperienced client through the building process from pre-design.
- Understand and prioritize client architectural needs remotely via Zoom.
- Design and present Concept during site visit in Cap Haitien, Haiti.

Sumo Community Tools, Chicago, IL

Full Stack Developer Sept 2019 - Dec 2019

- Design and creation of developer tools for the sumo community.

Project : Dohyo-dreams

- Learned Typescript and other tech to build Dohyo Dreams Database.
- Sumo stats RESTful API created with Typescript, TS-Node, including middleware.
- PostgreSQL database established in Docker with TypeORM, and pgadmin tool.
- ReSTful API Endpoints tested in Postman.
- Create a JS library and npm package for sumo rankings, with formatting and sorting methods.

eTechnologies360, Northbrook, IL

Front End Web Developer

May 2019 - Sept 2019

- Develop, audit and update mobile-friendly websites for marketing and user-submitted forms.
- Optimize pages for speed using google lighthouse.
- Utilize build tools, and many CSS, JS, and jQuery libraries including Bootstrap, and wow.js.

DevMountain Bootcamp, Phoenix, AZ

Full Stack Web Developer

Sept 2018 - Jan 2019

Project : Fetch The News

- Create a full stack news-themed party game inspired by jackbox.tv games.
- Code in Javascript and ReactJS / Redux to create front end.
- Use Socket.IO for real-time gameplay, RESTful endpoints with NodeJS and ExpressJS.

Project : Moment

- A partial clone of Airbnb's site, where experiences are offered (tours, classes).
- Use Javascript and ReactJS / Context API for front end and state management.
- Create DRY, reusable React components, primarily cards and card containers.
- Create login with sessions and authentication in NodeJS Server and API.
- Programmed a search algorithm, search filters.

Building Design & Construction Industry, USA and China

Supervising Consultant

Feb 2012 - Sept 2018

- Hired and trained staff on unique project procedures and software.
- Developed training manuals and provided input on procedure changes.
- Communications with consultants, vendors, and clients across large projects and organizations.

Designer / Drafter

May 2009 - Jan 2011

- Coordinated multiple projects simultaneously, tracking progress with MS excel.
- Produced drawings from project concept to final delivery in Revit and AutoCAD.

EDUCATION

DevMountain Bootcamp, Phoenix, AZ

Web Development

Sept 2018 - Jan 2019

Judson University, Elgin, IL

Masters of Architecture

May 2010 - May 2011

Judson University, Elgin, IL

BA in Architecture

Aug 2004 - Dec 2008

VOLUNTEER

Bethesda Clinic New Campus Design, Cap Haitien, Haiti

Building Design & Construction Consultant

Sept 2019 - Current