Curtis Merrell
Web Developer | UI / UX Engineer

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▣ https://csmerrell.com   ← Sample App showcase

A 5-year, mid-senior-level web developer versed in a breadth of libraries and skills. Emphasis in front end engineering and UI/UX design. Self-learner, heavily invested in ownership of the product. Past roles include Senior Development; Task Management & Delegation; UI/UX Design & Architecture.

HIGHLIGHTS

Led teams of 2-5 developers.
Rapid-prototyped a startup software suite in 4 months.
Overhauled, rewrote, refactored, and iterated on 20+ legacy code bases.
Launched 5+ applications start to finish. Contributed to & launched dozens more.
Conceptualized, pitched, designed, and maintained intuitive user experience design in all products.

SKILLS

HTML / CSS / Javascript -	Vue / React / Angular -	Ajax, REST api -	Sass
JS Libraries (JQuery, Lodash) -	NPM, Gulp, Build Tools -	Agile & Scrum -	Git
UI / UX & Responsive Design -	ASP.Net (MVC, Core) -	Data Structures, Data Schema	
Typescript, Prototypes, Closures -	Node.js / Express.js -	C#, Java, Object Oriented Design	
Markdown Documentation -	CICD -	SQL, Relational Databases	

WORK EXPERIENCE

***Naval Air Weapons Station**, China Lake, CA*   *Feb 2017 - Present*
Front End Lead Developer; UI / UX Architect & Engineer

- Overhauled 2 major systems over 3.5 years. Led major segments of 1 of these systems.
- **Stack:** JS/Vue; Sass/CSS; HTML; Handlebars; ASP.Net (MVC, Core); MSSQL; Gulp; Git.
- **JS, VueJS, Markdown**:
  - Built, tested, and documented 4 highly-portable Vue components for 10+ years of expected use.
  - Reviewed, wrote, and tested data-bound forms and limited-scope components across 3 major applications over 3.5 years of development.
- **Light/Dark mode dual-theming (CSS3)**:
  - Implemented a large-scale user controllable dual-theme into the team's core application with zero significant theme-related development or maintenance issues in over a year of use.
    - Live implementation available at demo web app: https://csmerrell.com.
- **ASP.Net (MVC, Core), C#, SQL / MSSQL**:

- Defined api (preconditions, parameter specifications, postconditions, return specifications) for hundreds of versioned REST endpoints.
    - Wrote MSSQL stored procedures and SQL scripts for an 8-month full stack project.
- **Git SCM, Version Control, Agile & Scrum**:
    - Reviewed 2-8 merges for teammates per sprint. Reported in daily standups for 3 years.
    - Assigned and delegated front end tasks for 2-week sprint cycles.
- **Bonus**: Interned (3-5 months) with 4 teams from varied technical backgrounds. Noteworthy experience:.
    - Data Science - HR recruitment, retention, attrition modeling with ensemble machine learning algorithms (3+ ML models in concert).
        - Networked and Facilitated 5+ meetings with diverse groups of professionals to learn hiring pains and experiment with machine learning models to solve key concerns.

Chromatic.ai (Failed Startup), *Provo, UT*   *May 2016 - Aug 2016*
Sole Front End Developer; UI / UX Architect & Engineer

- Rapid-prototyped a minimum viable cloud logging SPA software suite in 4 months. Highlighted features included:.
    - Primary log viewer & querying interface with bespoke components for filtering and configuration housed inside a dockable, collapsible, multi-tab panel (10+ user filter components. 30+ additional basic filters).
    - Log send/retrieve protocol with configuration and documentation guides for 3 common industry logging environments.
- **Stack**: Reactjs; Django; Elastic Search; Docker & Kubernetes; Git/Travis-CI; Karma Testing.

Brigham Young University, *Provo, UT*   *Oct 2014 - Nov 2016*
Full Stack Developer; New Employee Trainer

- Built & finished 3 new content management & scheduling systems. Maintained others.
- Trained five 2nd-year CS students into professional full stack development.
- Collected feedback from interviews and product demos with stakeholders (university professors).
- **Stack**: Angular (1.0); Sass; ASP.Net (MVC, Web Forms); MSSQL.

EDUCATION

B.S. Computer Science *- Brigham Young University, Provo, Utah*   *Graduation - Dec 2016*

ADDITIONAL CONTACT

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