

# Chip Moeser

Sackets Harbor, NY

Software Architect UI

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## Experience

**Certipath – <https://certipath.com/>**

Software Architect - UI

*December 2019 – Current*

## Overview

Lead architect for suite of high assurance visitor management software products for various government agencies.

- Member Architecture Review Board.
- Architected Vue/Nuxt 3 based build systems for company wide use.
- Designed application interfaces using Adobe XD.
- Prototyped designs for stakeholder presentations.
- Planned and implemented Vue 2/Nuxt 2 to Vue 3/Nuxt 3 upgrades.
- Developing apps for administrators, security professionals, visitors, lobby guards & visit approvers in the high assurance visitor management space.
- Created private NPM registry using Verdaccio to share and reuse components across multiple applications and keep company code private.
- Working with smart card readers for government issued PIV, PIV-I & CAC cards for use with Physical Access Control Systems (PACS).
- Working with ID scanners and RFID readers using web sockets to transfer read data to JS applications.
- Integrated Elsa Workflows into Nuxt applications for Customizable Workflow Integrations.
- Created front end build & testing standards using Vue, Nuxt, Pinia, Typescript, Vuex, PostCSS, Jest, Cypress.
- Participated in penetration testing and addressed associated issues.
- Led company training's for Javascript & GraphQL

**Workshop – <https://www.yourworkshop.com/>**

Web Developer

*April 2017 – December 2019*

## Overview

Worked as a web developer able to tackle all ends of the stack with an emphasis on bringing the companies technological capabilities up to par with the latest in the industry.

- Build & maintained Progressive Web App's using VueJS/Nuxt/Vuex, Typescript, GraphQL/Apollo, PostCSS, PHP and Headless Drupal. SSR via Node and Firebase Cloud Functions.
- Build & Maintain Drupal 7 & 8 sites
- Create custom themes, content types, blocks, views, menus, modules, responsive images, paragraphs, taxonomy's, webforms
- Migrate sites from legacy Unix host to Pantheon
- Migrate legacy content to new sites with Drupal Feeds
- Created a framework for managing front end builds with an emphasis on code reuse
- Taught JS classes for developers & gave a company wide PWA presentation
- Evaluate new technologies for potential use
- Attend yearly Decoupled Dev Days conference

## **Bionic Solution**

Full Stack Developer

*September – October 2016*

Built prototype financial calculator for mortgages and student loans. Translated excel functions to JS. Created builds & tests. Created chart animation with D3JS. Generated code documentation with JS Docs. Worked with campaign manager to implement tracking for Google Analytics. Used Angular 2, Typescript, Sass, D3JS, Webpack

## **Sunnyside Chamber of Commerce**

Full Stack Developer

*January 2016 – January 2017*

Transferred legacy content from Joomla site to Wordpress. Mapping old content to new using MySQL & PhpMyAdmin. Created responsive site using Bourbon/Neat for Sass. Using ES6 Javascript, Babel & Gulp for front end builds. Wrote custom Wordpress plugins.

## **McKinsey – <http://www.mckinsey.com>**

Lead Front End Developer mckinsey.com

*January 2013 – August 2015*

Responsible for all front end programming, including, daily maintenance and upkeep of mckinsey.com mobile & iPad UI programming. Programmed SVG & retina support. Programmed custom UI and video players using Brightcove streaming video API's. Responsible for evaluating new technologies for potential use on mckinsey.com Responsible for Technical Implementation and oversight of A/B testing using Optimizely. Responsible for implementation of tracking and analytics for Omniture. Coded front end xslt for Google Search Appliance. Coded user registration and login. Worked with content editors to build and maintain new content. Responsible for maintenance and clearing of front end assets in Akamai CDN. Responsible for update, and creation of new CMS templates for Sitecore CMS. maintenance

## **GCBA**

Angular Application Developer

*August 2013 – December 2013*

Built a HTML5 app for annual competition to digitally manage competitor registration, check in, hosting and judging via tablets. Created REST API services which the front end consumed. Programmed mvc front end and user interface. Registers were able to register and check in over 100 competitors in under 1hr. Judges were able to use iPads to score and edit competitors and hosts were able to see the scores live. Used, MySQL, Cakephp, Angularjs, Restangular, Bootstrap, JQuery, Icon Fonts.

## **Funny Garbage**

Actionscript Application Programmer

*March 2010 – July 2011*

Worked as a Flash application developer on Crayola and Smithsonian projects. Programmed interactive design & collage applications for Crayola Pop Art Pixies. Integrated Flash applications with Facebook API's. Integrated Flash applications with Cold Fusion web services. Used Actionscript 3, Flash Video, Flash IDE, Flash Develop.

## **TBWA\Chiat Day**

Front End Developer

*March 2011*

Programmed actionscript for various ad campaigns including Michelin Tires, Absolute Vodka and Alli. Worked with Pointroll ad standards and implementations. Used Actionscript 3, Flash Video.

## **Rapp**

Actionscript Programmer

*April 2010 – January 2011*

Worked as a Actionscript 3 developer on Glaxo Smith Kline Alli site and Viagra.com. Worked with Flash video and Omniture Tracking.

## **Evoke Interaction**

Flex 4/Flash Builder Developer

*September 2010 – October 2010*

Developer for Welchol medication pharmaceutical application. Programmed application which allows users of the medication to track their daily diet, activities, weight, progress and medication regimen. Used Flash Builder 4, Spark components, Flex Charting. Worked with Java developer for back end integration via web services and Blaze DS.