

Jake Hamilton

Software Engineer

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Site: <http://jakehamilton.dev>

Code: <http://github.com/jakehamilton>

Ex: <http://codepen.io/short>

EXPERIENCE

SurePrep — *Software Engineer*

<https://sureprep.com>

July 2019 - Present

- Advanced web applications with React
- State management with Redux & React Contexts
- TypeScript
- Both legacy class components and modern fully functional components with hooks
- Complex data management and interactions with backend APIs
- Material UI
- Kubernetes & CI/CD infrastructure creation and maintenance.

ScrollMotion — *Lead Software Engineer*

<https://www.scrollmotion.com>

January 2017- February 2019

- Advanced web applications with React and Vue
- Multi-platform application architecture
- JavaScript library/sdk creation
- Instrumental in improving page speed and accessibility
- Social media integration
- Platform documentation
- Creation and maintenance of private services (such as Verdaccio and Docker Registry)

CodeCampus Academy — *Educator*

<https://www.bitscouts.org>

March 2015 - December 2016

- Modern web development
- HTML5, CSS3, JavaScript
- Software development best practices

EDUCATION

Saddleback College

August 2015 - January 2017

- **Major:** Computer Science
- **Curriculum:**
 - C++
 - Application Design
 - Development Flows

SOFTWARE ARCHITECTURE

JavaScript (es6/es2015+)

TypeScript

HTML5

CSS3 (+ Stylus & Sass)

Vue + Vuex

React + Redux

Express

Electron

SOFTWARE ARCHITECTURE

OOP / OOD Best Practices

MVC / MVVM

FP / FRP

TOOLING

Node.js + npm

Deno

Webpack

Rollup

Gulp

Babel

SSH

FTP

Bash (+ zsh & fish)

Storybook

CLOUD AND DEPLOYMENT

AWS

GKE

DigitalOcean

Docker (+ Docker Swarm)

Kubernetes

NGINX

Traefik

Cert-Manager

Argo CD

CONTINUOUS INTEGRATION

Unit Testing and TDD

Jest

Mocha

GitLab CI (+ Travis & Drone)

SOURCE CONTROL

GIT (Command Line)

