# 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)