



# CHRISTOPHER SMOAK

senior software engineer

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<http://christophersmoak.me>

**Objective:** To obtain a full time position in software engineering that would allow me to expand my leadership and entrepreneurial skills and contribute to the company's growth.

## Experience

### Application Engineer @ Schoolrunner March 2016 - Present

- Create micro-services to transition monolithic application into a scalable decoupled application.
- Move existing micro-services to ECS saving the company 50-75% over existing architecture. Utilize Codepipeline/Codebuild to auto build & deploy saving developer time & resources.
- Develop Lambda functions for centralizing access logs, encrypting user uploads, & publishing custom Cloudwatch metrics used to autoscale container instances.
- Develop & maintain RESTful APIs written in PHP.
- Build SPAs in AngularJS & React.
- Transitioned front end build tool from Grunt to Webpack to take advantage of latest JS features.
- Improved developer productivity with auto-updating documentation, CLI tool, & local Docker environment.
- Designed and built a CI workflow with test suites for API, E2E, SYNC, & JS & integrated with TravisCI & Github.
- Maintain & iteratively add new features to hybrid mobile app.

### UI Developer @ NextGear Capital February 2015 - March 2016

- Develop testable AngularJS components for the NextGear Capital product line.
- Participate in COP's, pair program, and perform peer code reviews to ensure codebase continues to align with company's high standards.
- Contribute to cross project libraries used by many agile teams.

### Web Developer @ Hubzero, Purdue University May 2010 - February 2015

### Freelance Web Developer/Designer January 2008 - Present

## Education

BS Computer Graphics Technology  
Certificate of Entrepreneurship  
**Purdue University**

## About Me

**Hometown:** Saratoga Springs, NY  
**Family:** Sarah (wife), Evelyn (daughter), Mara (dog)  
**Hobbies:** Woodworking, hiking, camping, snowboarding, scuba diving, & mountain biking

## Skills

AngularJS/React  
Php/MySQL  
NodeJS/NPM  
HTML/SASS

Docker  
Webpack  
Jasmine/Chai/Mocha

AWS  
CI/CD  
Jenkins  
Ansible

Git  
Photoshop  
Agile/Jira