

# Ben Harloe | Senior SWE

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## Personal Summary

Adaptable professional with 6.5+ years of experience and a proven knowledge of Node.js, AWS, and cloud native design and development. Loves building serverless software.

## Professional Experience

### Freelance, Software Engineer

Feb 2018 – present | San Diego, CA

#### Responsibilities

- Design and develop scalable and cost optimized cloud native architectures to migrate existing applications to cloud and for green field development
- Integrate with development teams to deliver feature sets in back end and front end contexts
- Review business/functional requirements and translate them to cloud application designs on a one time or as needed basis.
- Design and implement CI/CD pipelines for active start up development teams deploying at a rapid pace using dev/staging/production environments
- Develop cloud native data pipelines and automation scripts utilizing data analytics, machine learning, and (in one case) crowdsourcing techniques for batch processing, image classification, and related business use cases
- Develop custom scripts, tools, and libraries for bespoke integrations between existing applications and cloud services
- Design and develop logging & alerting systems for real time health monitoring of production services
- Perform server utilization analyses and cost optimization services to reduce cloud spend

#### Accomplishments

- Rebuilt and rebranded ecommerce website to facilitate transition to modern web-first marketing strategies
- Served as primary individual responsible for ensuring availability, performing design, maintenance, and management of cloud architectures for multiple products scaling from zero users at product launch to 1500-4000 daily active users
- Provided volunteer work to repair and re-host a defunct open source project
- Successfully completed multiple projects taking products from wireframe designs to public launch ready MVPs
- Successfully delivered in multiple instances of providing urgent team augmentation to meet an upcoming deadline

### Evvari GIS Consulting, Inc., GIS Web Developer, Systems Administrator

Jul 2015 – Oct 2017 | San Diego, CA

- Designed and implemented an address cleaning and geocoding pipeline for Evvari's largest client. Process involved custom Regex scripting and REST calls against multiple Geocode Servers.
- Performed GIS work such as data reconciliation, analysis, system design, and web app development
- Management of Evvari's IT landscape running on Amazon Web Services. Leveraged S3, EC2, Virtual Private Cloud, Autoscaling, Load Balancing, Workspaces.
- Developed custom browser based applications used for a number of GIS analysis workflows

## Additional Information

- References available upon request
- Comprehensive overview of freelance work available upon request

## Education

### Full Stack Web Development Program, University of California San Diego Extension

Nov 2017 – Jan 2018  
San Diego, CA

### Bachelor of Science (B.S.) Business Admin, Mathematics(Apr 2015),

University of Redlands

Apr 2015 | Redlands, CA

#### Awards & Honors

Omicron Delta Kappa Honors Society  
Target Corporation Case Study Award Winner, 2012

#### Extracurricular Activities

Trip Leader, Outdoor Programs  
President, Chi Sigma Chi

## Core Competencies

- Amazon Web Services
- Node.js
- Cloud Native Development
- Serverless Architectures
- Web App Development
- React.js
- DevOps
- Git & Github
- Infrastructure as Code

## Licenses & Certifications

AWS Certified Solutions Architect Associate, 2018

AWS Certified Developer Associate, 2016

Amazon Web Services Business Professional Accreditation

Amazon Web Services TCO and Cloud Economics Accreditation

Amazon Web Services Technical Professional Accreditation

## Interests

Rock Climbing,  
Building Computers,  
Journalism & Tech,  
Sustainability