

Zachary Strangeway

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Skills

- AWS: Lambda, EC2, CloudFormation, RDS, S3, DynamoDB, API Gateway, CodeBuild, etc.
- Swift
- Kotlin
- REST
- Git
- JavaScript/Node/Vue
- HTML5/CSS3
- PHP
- SQL

Certifications

- AWS Certified Solutions Architect Associate
- AWS Certified Cloud Practitioner

Experience

TASC

Application Developer III

Madison, WI

11/2019 – Present

- Refactored Android application for managing Flexible Spending Accounts to MVVM architecture resulting in a 95% decrease in crashes using Kotlin.
- Built new features for the android application including a feature to store pictures of benefit cards to remove the need to carry them with you.
- Built out a CI/CD pipeline for automated testing of Node.js, Angular, iOS and Android projects in AWS. Pipelines included automated testing, test coverage tracking and deployments.
- Implemented a SonarQube server in AWS on EC2 and RDS and automated the tracking of test coverage metrics and enforcement of quality gates on PR checks.
- Lead initiative to track down unused AWS resources, saving TASC over \$10,000 per month.

Gravy Live

Senior Software Engineer

Madison, WI

8/2017 – 11/2019

- Developed live streaming social media single page application with server-side rendering that hosted streams with over 300 concurrent viewers using Vue.js and WebRTC.
- Developed live video streaming and shopping application with largest streams reaching over 3000 concurrent viewers for iOS and Android using WebRTC, Swift, and Kotlin.
- Utilized WebSockets to control state and enable real-time features within streams.
- Created numerous animations in the UI to give the applications a polished feel. Animations involved complex timings and Bezier curves.

Greenleaf Media

Madison, WI

Web Developer/Project Manager

10/2016 – 8/2017

- Developed and supported multiple brochure websites for various companies and organizations using WordPress, Joomla and PHP/JavaScript. Some clients included:
 - University of Wisconsin - Madison's Office of Childcare and Family Resources
 - City of Kenosha
 - Benvenuto's
 - Dimension IV
 - FLOOR360

World Council of Credit Unions

Madison, WI

Web Software Developer

10/2015 – 10/2016

- Developed and supported internal and external web applications which are utilized by credit unions around the world using PHP including our internal CRM, CMS, task tracking, time entry, and budgetary systems as well as landing pages for international events.

Ratelinx

Madison, WI

Support Engineer

6/2015 – 10/2015

- Supported customers and debugged integrations between Ratelinx and customer ERP systems written in C#.NET.
- Used MS SQL Server Management Studio to troubleshoot database issues.
- Used Visual Studio to modify existing Crystal Reports.

Telephone and Data Systems Corporation

Madison, WI

IT Application Support Specialist - Suttle-Straus

5/2014 – 4/2015

- Developed various web applications, B2B storefronts and advertising resource centers for customers such as using Magento and PHP. Customers included:
 - Citizen Watch
 - Culvers
 - Toppers Pizza
 - Karastan Flooring
 - Trek
- Used VB.NET to develop reporting tool used to enhance data reporting capabilities for more accurate marketing information utilized by US Cellular store managers.
- Supported various internal IT systems such as PrintStream, Windows, LAMP servers, etc.

IT Support Technician 3 - Telephone and Data Systems

10/2012 – 5/2014

- Supported and mentored junior and mid-level IT Support Technicians.
- Used VB.Net to create multiple tools intended to help new employees troubleshoot issues and reduce call handle time.

IT Support Technician 2 - Telephone and Data Systems

8/2011 – 10/2012

- Supported internal employees of TDS, TDS Telecom, and US Cellular with tech support inquiries.

Sr Consumer Sales Advisor - TDS Telecom

4/2009 – 8/2011

- Supported and mentored customer service advisors.
- Handled customer escalations.

Consumer Sales Support Advisor - TDS Telecom

1/2009 – 4/2009

- Piloted new department and helped define processes for entering orders requested by sales advisors.

Consumer Sales Advisor - TDS Telecom

8/2008 – 1/2009

- Handled customer service inquiries and sold services to new and existing customers.

Financial Services Advisor - TDS Telecom

1/2008 – 8/2008

- Handled customer inquiries about past due accounts.

Projects

Red Comet Website

In Progress

A website for Red Comet Creations.

- Building a static site in Vue.js/Nuxt.js with a backend created in AWS with S3, Lambda, API Gateway, DynamoDB, and CloudFormation

Education

Herzing University

B.S. Software Development

2011 - 2014