# Michael Knueppel

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## Summary

Software Engineer at Amazon (Ring)

## Experience

### Freelance Software Engineer

Freelance

Jun 2020 - Present (7 months +)

### Software Engineer (Ring)

Amazon

Sep 2018 - Jun 2020 (1 year 10 months)
• Software Engineer for Ring Neighbors backend team which supported 3 mobile clients
• Migrated Go micro-service from a shared AWS account to a new AWS account with a full CI/CD pipeline
• Managed deployments using AWS CodeDeploy, CodePipeline, and CloudWatch monitoring
• Worked with numerous other AWS technologies including s3, CloudFront, RDS, DynamoDB, CDK, ECS, EC2

### Lead Software Engineer

Hallmark Labs, a subsidiary of Hallmark

Mar 2016 - Sep 2018 (2 years 7 months)
• Software Engineer for a rapidly-growing company working on a digital greetings web app.
• Work included development on both API and front-end features.
• Strong focus on process and transforming engineering culture
• Introduced new hiring practices and tools to the company, and crafted an engineering interview process to minimize impact to team productivity while maximizing on-site candidate quality.
• Worked closely alongside Product Management, QA, and Marketing
• Technology stack includes a Ruby/Rails API, Go API, AngularJS front-end, and AWS.

### Lead Software Engineer

WebAppCamp Inc.

Apr 2015 - Mar 2016 (1 year)
• Built MVP utilizing an iterative process and rapid prototyping
• Implemented continuous integration to streamline the development process
• Delivered user stories and was involved in weekly client meetings
• Co-developed a software development training app with Backbone.js, CoffeeScript and a Rails API

**Freelance Software Developer**

Freelance

Sep 2013 - Apr 2015 (1 year 8 months)

## Education

**New York University - Polytechnic School of Engineering**

Bachelor of Science (B.S.), Mechanical Engineering

## Licenses & Certifications

**FAA-certified, Instrument Rated Private Pilot** - Federal Aviation Administration

## Skills

Amazon Web Services (AWS) • Ruby on Rails • JavaScript • HTML 5 • PostgreSQL • jQuery • CSS3 • Relational Databases • AJAX • Go