Michael Knueppel

Los Angeles Metropolitan Area

✉ knuepwebdev@gmail.com

in linkedin.com/in/mikeknueppel

Summary

Software Engineer at Amazon (Ring)

Experience

Software Engineering Consultant
Self Employed
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
Self-employed
Sep 2013 - Apr 2015 (1 year 8 months)
Developed self-directed web projects

Education

New York University - Polytechnic School of Engineering
Bachelor of Science (B.S.), Mechanical Engineering
2003 - 2005

Santa Monica College
Computer Science
2011 - 2013
Courses Taken: C Programming, Java Programming, Advanced Java Programming, MS SQL Server, iOS development with Objective-C, Linux Network Administration, JavaScript, PHP Programming

San Diego State University
iPad/iPhone Mobile Application Development
2012 - 2012
Graduate-level course focusing on Objective-C and the design and implementation of applications for smart mobile phones and mobile devices. GUI programming, application structure and multi-touch in applications. GUI design for multi-touch screens, usability testing.

UC Irvine
2000 - 2003

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