Adam **Karpowich**

Software Engineer

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Experience

2017/07 - present — **Software Engineer**

Yodle, a Web.com company - Ads Platform

- Scrum master for a team of 8, working with 2 Product Owners to manage backlog priority and serving as point of contact for new feature requests from platform stakeholders.
- Streamlined the team's process flow by shortening daily standups, leveraging Trello for better retrospective issue tracking, and overhauled grooming/planning resulting in measurably higher work velocity by the team.
- Supported a platform of 18 REST microservices built with Java and Spring powering 16.8 million bid adjustments per day and $300MM in ad spend per year.
- Enabled improved algo driven ad bidding by tracking 2.3 million impressions per day with a data pipeline leveraging Amazon S3 and EMR, and was solely responsible for its consistent operation, generating $10,000 per day.
- Leveraged a cutting edge CI/CD pipeline based on the Mesosphere to serve distributed, containerized microservices backed by MongoDB and Postgres while utilizing proprietary queuing libraries, and job, deployment, and testing frameworks for graceful scaling.
- Wrote a microUI in React, Node, Express, and Enzyme saving $15,000 in manual ads management cost/year.

2016/05 - 2017/01 — **Software Engineering Intern**

Yodle, a Web.com company - QA Core

- Developed a new customer facing web app with AngularJS for a photo management experience.
- Dockerized the "BrowserFarm" used for running 10,000 Selenium tests during the nightly regression.
- Conducted a research project on the viability of outsourcing Selenium testing to SauceLabs, and presented results to the CTO.
- Collaborated on the open source New Relic Synthetics Manager project enabling easier management of synthetics; featured in the New Relic newsletter.

Education

2012/09 - 2017/05 — **University of Delaware**

Bachelor of Science: Information Systems — **Minors:** Cyber Security, Computer Engineering, Economics

In-Major GPA: 3.8

Skills

Languages: Java, C++, PHP, Javascript, Shell

Databases: Postgres, MySQL, MongoDB, SQLite

Platform: Docker, Mesos, Marathon, Zookeeper, HAProxy, Redis, Puppet

Methodologies: Agile, Scrum, Test Driven Development, Microservices

Workflow: Git, JIRA, Bitbucket, Trello

OS: macOS, Windows, Ubuntu, CentOS

Tooling: Bamboo, Jenkins, Gradle, AWS S3

Frameworks: Spring, React, Hibernate, Mockito, Selenium, Node, Express, Hibernate, AWS EMR

Personal: Super Smash Bros. Melee, Finance, Ethereum, EDM