Alvin (Scott) Jenks

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Summary

Experienced software engineer with a wide range of previous experiences including: Web services, mobile, and the complete life cycle of devices. Demonstrated ability to not only develop complex systems, but also to support and test them.

Experience

Zulily Software Engineer (Platform Team) | *2017-Present*
Technologies used: Java, Go, AWS (EC2, S3, ECS, Kinesis, etc.), PHP, Gitlab CI/CD, Redis
- Unified inventory systems, adding location information and reducing discrepancies
- Wrote a low-latency feature management service, enabling microservice migration
- Created and led an engineering excellence guild to promote best practices
- Implemented metrics, monitoring, and alerts using Grafana, Prometheus, and Splunk
- Helped to migrate batch job processors from a static Rackspace to autoscaling AWS
- Documented a cross-team run book for debugging and handling support issues
- Twice nominated for the Gratitude Getaway Award for exceptional employees

Symphoni Software Engineer (FinTech Startup, acquired by Remitly) | *2017*
Technologies used: Angular, Kubernetes, Docker, MongoDB, Microsoft Azure
- Set up a Kubernetes cluster on Azure to host services with continuous integration
- Wrote frontend pages with Angular to optimize Business Impact Northwest's process
- Implemented a landing page for promotion and user subscription

Microsoft Software Engineer (Commerce Services) | *2014 –2016*
Technologies used: C#, .NET, SQL Server, ASP.net, jQuery, Autopilot, Cosmos, MapReduce
- Designed and implemented an entity clean-up service using Cosmos (MapReduce)
- Wrote a secure administrative portal to facilitate operation tasks
- Created monitoring charts, graphs, and alerts with SQL Server and Autopilot

Amazon Software Development Engineer (Android Devices) | *2011 – 2014*
Technologies used: Java, Android, AWS, SQLite, JUnit, Unity, Git, Jira, Jenkins, Cinema4D
- Developed the Fire Phone Home application from inception to shipping
  - Designed, implemented, and shipped the 3D dynamic perspective icons
  - Created stability and stress tests used by the quality assurance team
- Organized sprints as scrum master for a team of approximately ten developers
- Prototyped concepts for presentation to Jeff Bezos using Unity, Kinect, and a 3D printer
- Themed the contacts application to match the Amazon app ecosystem
- Introduced proxy into Whispernet system for traffic shaping and monitoring

Side Project: PuzzTool.com (Open Source Contributor)
Technologies used: React, TypeScript / JavaScript, Progressive Web App (PWA), CSS, Github
- Wrote end-to-end solution for automatically detecting and converting encodings
- Created a word search solver, including optimizations for large word lists

University of Michigan | *BSE Computer Science | 2006 – 2010*
- Wrote accessible iOS messaging app, winning second at Mobile World Congress