Annette Spyker Mechelke

https://annette.mechelke.us/

EXPERIENCE

Fetch Rewards
Madison, WI

Staff Engineer
Feb 2020 - Present

On Boarding Initiative: Created employee on boarding initiative for Technology Department as grew to over 150 employees. Currated content for a dozen technical information sessions. Established and executed successful hackathon-type event for technology team.

Senior Software Engineer - Team Lead
June 2019 - Feb 2020

Team Lead: Lead first team in transition from single develpment team to many small product focused teams.

Process Improvment: Worked with team to establish team metrics; automated metric collection process to report on metrics at monthly retrospective. Collaborated with product and project manager to revamp work stream ingestion process.

Senior Software Engineer
Dec 2014 - June 2019

Major System Refactors: Refactored numerous business critical systems. Points (in app currency) accounting system, Shopping Lists, Pricing, and Offers/Coupons. Each time replaced existing, fragile code based with a focus on increasing maintainability and extensibility, while still completing the refactor in a timely fashion.

Production Support: Played integral role in creation of production support rotation. Implemented numerous improvements to increase supportability of our applications. Set up a Logstash/ElasticSearch/Kibana (ELK) stack to allow ingest of logs from remote devices and app servers.

Process & Team Development: Established and facilitated weekly technical seminar for development team. Identified need for mentor program, mentored two junior developers. Played key role is transitioning from sprints to kanban workflow.

Shopbop, an Amazon subsidiary
Madison, WI

Software Development Engineer
July 2012 - Nov 2014

Java Web Services: Part of a team that developed and supported numerous Java web services. Implemented numerous small improvements, interacting with business users to ensure satisfactory results. Worked across teams to coordinate larger website feature changes, such as expanding search functionality to allow faceted navigation.

Scrum Master: Served as Scrum Master for team of 8 people, helped establish agile development practices, created documentation to facilitate rotation of Scrum Master position.

Novashield Inc.
Madison, WI

Application Developer, Lead for Malware Lab
Jan 2010 - June 2012

Infrastructure Management: Managed VMWare servers. Used VM networks and linux and Cisco firewalls to ensure a safe network for executing malware. Maintained a MySQL database, tracking over 8 million samples.

Java Test Framework: Maintained and improved extensive in-house testing software, written in Java.

Task Automation: Created automation scripts in a variety of languages: Windows batch, bash, and Python.

OUTSIDE EXPERIENCE

Codecinella, Co-organizer: I plan and coordinate events from technical talks to hands on workshops. I have also presented talks on: Git, unit testing, and Conway's Game Of Life for a workshop.(Slides for both available on my website.)

SKILLS

Languages & Frameworks: Java, Spring, SpringBatch, NodeJS, Python, SQL, Javascript, Ansible

Technologies & Tools: Git, MongoDB, MySQL, AWS (Lamba, SQS, SNS, ElasticBeanstalk), Redis, ElasticSearch, Apache Solr

EDUCATION

University of Wisconsin
Madison, WI

Master of Arts, Mathematics; Certificate in Computer Science
2008

Arizona State University, Barrett Honors College
Tempe, AZ

Bachelor of Science, Mathematics; Summa cum laude GPA of 4.0
2006