

Erik Sjöholm

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OBJECTIVE

To continue my career development and achieve something greater than I alone am capable.

SKILLS

Languages: C#, Python, Java, Javascript/Typescript, SQL, bash/sh/powershell, git

Web Frameworks: Angular 1.x & modern, Node.js

Infrastructure Frameworks: Terraform, Packer, Ansible, TeamCity

Technologies:

AWS: AES, SNS/SQS, EC2, S3, EBS, ECR/ECS/EKS/Fargate, DynamoDB, RDS/Aurora, Lambda, Cloudformation, CloudWatch/CloudTrail, Route53/Cloudfront/WAF, VPC, IAM, KMS, Secrets Manager

Other: NGINX, Kubernetes, BMC Networker, CommVault, IIS, Exchange, O365

Database Technologies: Elasticsearch, PostgreSQL, DynamoDB, MySQL, SQLite, MS SQL

Systems: Docker, Windows, Ubuntu, CentOS, FreeBSD, JunOS, Cisco IOS

Processes: Agile, Scrum, Kanban, Waterfall, SDLC, TDD, ITIL, TOGAF

Tools: Atlassian stack (Jira, confluence, bitbucket), Google Suite, Microsoft Office, Slack, Trello, VSTS, Github

EXPERIENCE

Zapproved, Portland, Oregon

Senior Software Engineer

| 2017 – current

Technical Leader (Design & Architecture)

- “Make exports not suck” – targeted optimization of performance bottlenecks while collaborating with product team to better align our systems to our customers’ needs
- “What can you do for us to increase resiliency and redundancy for our customers in Elasticsearch” – perceived as the in-house Elasticsearch expert I was tasked with ensuring that we reduce our customer’s data disaster recovery risk without increasing cost or decreasing performance
- “We need you to overhaul this service in less than 90 days, because it got pinged by pen testing” – a third-party back-end service that neither it nor its infrastructure has been updated in years converted into whole service blue/green deployable infrastructure as code in terraform

Production Proven

- Positive track record of driving engineering alerts and customer reported bugs from debugging to deployment
- Storage Service: Design and implement service to manage arbitrarily large data on arbitrary storage technologies
- Critical contributor to customer Elasticsearch domain 1.5 to 6 migration
- See Technical Leader section

Mentor

- Curate content for group book clubs or discussion/topic guilds
- Build and tailor formal 1:1 mentoring relationship

- Reduce the barriers to entry for development to critical technology

Team Member

- Force multiplier for my and other teams and a darn good rubber ducky
- Collaborative worker, team enabler, sprint closer
- Doer of the things that the team thinks cannot be done
- Introducer of small experiments to retrospectives that might work for the team

Software Engineer

- Critical contributor to customer Elasticsearch domain 1.5 to 6 migration
- Make backwards compatible changes to RESTful APIs and queue based services
- Participate on agile scrum team, 2 week sprints, sprintly releases
- Provide systems and CS fundamentals mentorship to interns
- See Team Member section

Software Development Engineer in Test

- Complete API based test coverage expected to take 1 year in 3 months
- Create special case test suites to build confidence and pin functionality during Elasticsearch migration
- Work closely with QA engineers to devise testing strategy and test cases
- Build and architect application API test framework and first feature test suite

Aon, 100% remote

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2014 - 2017

Service Architect: Enterprise Software

- Actively engage with the development teams within Aon and third party development teams to stay current on emerging stakeholder and development concerns in order to devise and iterate on architectural models for the future
- Create various architecture artifacts such as user stories, UML diagrams, 1-pager infographics, support documentation, presentations, formal proposals, and implementation plans
- Act as an inside consultant for all software licensure models and payment schedules

Systems Engineer

- Document existing systems, devise system SLA's and identify areas for improvement for a multi-geographic, high-availability service
- Product owner for employee software delivery service
- Provide escalated support, own outage resolution, investigate and document root cause
- Support the Microsoft Office product suite and its managed update and deployment packaging for single and multi-language support builds

Expedient Data Centers, Pittsburgh, Pennsylvania

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2013 – 2014

Analyst

- Troubleshoot and investigate issues and alarms from virtual and physical sources
- Manage virtual and physical networks across various OSI layers
- Wrote PowerShell and Bash scripts to automate updates and migration of servers and technologies enabling me to participate in various projects
- Selected for specialized team formed to optimize customer virtual backups

Aon, Chicago, IL

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2010 – 2013

Technical Support Specialist

- First employee hired in five years due to overwhelming internship performance
- Selected to lead Windows XP to Windows 7 migration team due to development of image replication and deployment mechanism

PROJECTS

Seabold Cellars, Touchstone Winery – Wine production | Fall 2019

- When Chris Miller, M.S. invites you to make wine with him at his winery you go

Great Oregon Wine Company – Wine production | Fall 2017, 2018, 2019, 2020

- Have some fun and learn about wine and the process to make it

NetApp – ONTAP distributed data management OS | Spring 2017

- Worked with ONTAP senior engineers and intern team to develop a test framework for ONTAP in Python
- Developed on linux high-availability cluster management stack using Corosync and Pacemaker

RubyRide – an app-driven ride-hailing service | Winter 2016

- Developed augmented reality (AR) map navigation demo in Unity game development engine
- Worked alone to deliver in a fully remote environment in very early stage startup

EDUCATION

University of Pittsburgh, Pittsburgh, PA

Bachelor of Science in Computer Science, 2017

College of Lake County, Grayslake, IL

Associate of Arts in Business Administration, 2009

PC Technician Certification, 2008