

Shawn Feldman – Principal Engineer

shawn.feldman+ghres@gmail | @shawnfeldman | <https://www.linkedin.com/in/shawnfeldman> | www.github.com/shawnfeldman

Experienced, Driven Engineer; <3 large datasets

- Stack: GoLang, Java, RxJava, NodeJS, AWS, Kubernetes, Docker, Snowflake, Chef, Terraform
- Storage: Riak, Solr Cloud, Cassandra, ElasticSearch, Redis, Kafka, SQS, Kinesis, DynamoDB, MySQL

Experience

Sendgrid // Principal Engineer // 07/2016 – Current

- AWS Rearchitecture with Lambdas, GoLang, Snowflake, DynamoDB, MySQL Aurora, Terraform
- Scaled Solr Cloud Above 1 Billion Docs
- Distributed Development with Riak, Solr, GoLang, Kafka, MySQL
- Produce Architectural Documents and Influence Teams
- Developed Zk aware Solr client, <https://github.com/sendgrid/go-solr>
- Stack: GoLang, Git, Riak, Solr Cloud, Kafka, Zookeeper
- Site: <https://sendgrid.com/marketing/email-marketing/>
- Contributed to: <https://github.com/flaxsearch/luwak>, <https://github.com/sendgrid/go-solr>

Apigee // Software Engineer // 11/2013 – 06/2016

- Building microservices stack using Docker/Kubernetes and GoLang for Automation
- Developing Apache Usergrid: Backend as a service product for enterprises and consumers. Hacking on stack (Java/Cassandra), sdks(JS + Node) and web (AngularJS). Automated tests using Protractor/Selenium. Open Sourced all work through Apache Usergrid project.
- Stack: Java (RxJava, Akka, Hystrix, Guice, Spring), Cassandra, AngularJS, Bower, Grunt, Protractor, Selenium, Git.
- Site: <http://apigee.com/usergrid>, <http://github.com/usergrid/usergrid>, <https://usergrid.incubator.apache.org/>

Pearson // Sr. Software Engineer // 01/2012 – 11/13

- Building Online Course Platform for High Schools and Universities serving 800k logins per day. Led a DevOps team of 4 devs/2 Qa. Utilized Scrum and Kanban. Developed Chat Client/Server and Abstracted Socket used across Pearson OpenClass. Developed Mobile Notification/Email API for Pearson Openclass. Delivered to Cloud via EC2. Built Large Scale JavaScript Application that delivers student courses
- Stack: AngularJS, SockJS, NodeJS, Redis, MongoDB, Cassandra, EC2, Dojo, Git.
- Site: <http://openclass.com>

Quark // Software Architect // 05/2011–12/2011

- Designed and Delivered Quark's Software as a Service Play. Worked with Product and Marketing to strategize Quarks SAAS transition. Re-engineered public facing website to ASP.NET MVC 3.0. Delivered Cloud Architecture. Designed Multi Tenanted Architecture on

top of Windows Azure.

- Stack: ASP.NET MVC 3, jQuery, SQL Server, Windows Azure.
- Site: <http://quarkbrandmanager.com/>

Microsoft Consulting Services // Sr. Consultant // 03/2006–04/2011

- Delivered consulting engagements utilizing SharePoint 2007/2010, jQuery 1.x, Reporting Services, SQL Server, and .NET for Microsoft. Promoted twice in 5 years. Referenced by MSDN in May 2008 <http://bit.ly/ZSFTX7>. Contributed with 3 developers to build workflow system to speed up paper based approvals to drill natural gas wells. Developed intranet portals utilizing MOSS (including Publishing, My Sites, Search, and divisional portals). Implemented eDiscovery Search Engine for Legal Search using SharePoint 2007. Developed a packaged business intelligence application which MWH resold to clients. Supported Sales Team on various engagements to close new business.
- Clients: Questar (2 years), MediaNews Group (Case Study: <http://bit.ly/WZ20G3>), Xcel , MWH, Intermountain Health Care, Coors, Gates, Plum Creek Timber, Navigant, Zions Bank, Nike, Honeywell

Visa // Systems Architect // 07/2004–03/2006

- Led a team developing software as a service platform for ATS and Prepaid Consumer Sites. Worked on User Interface, Web Services and Windows Services. Layered over Mainframe via SOAP interface. Developed Web architecture. Utilized Extreme Programming to introduce Agile to a RUP organization.
- Stack: ASP.NET, Web Services, SQL Server 2000, WSE 2.0, Windows Services, and Enterprise Library.

Qwest // Staff SW Development Engineer // 01/2002–07/2004

- Architected/Managed Various Projects as Sr. SW Developer utilizing Extreme Programming. Led teams as large as 12 resources including development and test.
- Stack: ASP.NET, SQL Server, SOAP based Web Services

Education

Carnegie Mellon University // MS/BS Information Systems // 08/1997 – 08/2001

- Graduated with Highest Distinction (MS) and High Honors (BS)
- Both MS/BS in 4 years
- GPA: 3.95 (MS)/3.51 (BS) out of 4.0