

James Salvatore Keener

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Skills (No particular order)

Teaching	Mentoring	Linux	FreeBSD	BASH	HAProxy	Apache	nginx
Varnish	Munin	Nagios3	git	svn	Java	Hadoop	Python
NumPy	Scikit	Pandas	R	Ruby	Ruby on Rails	C	C++
JavaScript	jQuery	PHP	Symfony	Kohana	Laravel 4 and 5	CodeIgniter	LaTeX
make	vim	HTML	CSS	HTTP	SOAP	REST	Redis
MySQL	PostgreSQL	PostGIS	pg-routing	QGIS	GRASS GIS	ElasticSearch	SumoLogic
Amazon Web Services (AWS)		Google Cloud Platform (GCP)		Google Analytics		Google Tag Manager	
Google Data Studio		Google Optimize		Jupyter Notebook		Basic Cryptographic Principles	

Employment

Software Engineer

Missouri Star Quilt Company

Feb 2017 - Present
Hamilton, MO

- Interfaced with a new automated shipping system.
- Built new Point-of-Sale system based on Open Source Software including OpenSourcePOS and CodeIgniter
- Centralized our logging and metrics in order to build queries and dashboards to gain better insight into potential problems and the general state of the application.
- Improved site search relevancy and indexing speed
- Optimized SQL queries
- Helped define GDPR and PCI compliance tasks
- Updated analytics tracking
- Incorporated server-side A/B testing data into our hosted A/B test provided
- Aggressively added caching to our ecommerce site
- Coordinated with multiple teams to create end results that solve business problems
- Worked on updating and expanding Laravel 4 and 5 applications.
- Designing and implementing AWS-based infrastructure using, among other services CloudFormation, RDS Aurora, EC2, ECS, ECR, ElastiCache, and ElasticSearch

Software Engineer / Data Architect

LunaMetrics

May 2015 - Jan 2017
Pittsburgh, PA

- Converted event streams into structured data using Google Cloud DataFlow (Apache Beam and Java)
- Presented results of machine learning wherein I condensed process and raw results into a non-technical document
- Coordinated and taught educational lecture series for employees, including networking and programming topics
- Performed Machine Learning to understand customer behavior with R, Python, and SQL. Customer Segmentation and Content Attribution were often important parts of my analysis
- Generated complex analytics SQL queries for Google BigQuery to tease out answers to client questions, e.g. cross-session conversion analysis and form navigation flow
- Designed and Built apps for internal use the Google AppEngine, and Cloud Datastore platforms in Python and Java. These applications were used to access archived data, connect datasources, and monitor other services
- Taught clients how to write and conceive SQL queries through one-on-one consultations
- Mentored new employees