

KARTHIK KUMAR

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EDUCATION

Georgia Tech

M.S. Computer Science (OMSCS)
Machine Learning | Artificial
Intelligence
Class of 2019
GPA: 4.0/4.0

Virginia Tech

B.S. Computer Science, Honors
Minor in Mathematics
Summa Cum Laude
GPA: 3.89/4.0

LANGUAGES

Java
Scala
Python
SQL
Ruby
Javascript
C

TOOLS

MySQL | MongoDB
Elasticsearch | Lucene
HBase | ZooKeeper | Redis
RabbitMQ
Spring | Play | Rails
Git | SVN
Maven | SBT | Make
Docker | Mesos | Marathon
Amazon Web Services
Scikit-learn | Tensorflow
DataDog | NewRelic | Splunk
OSX | UNIX | Windows
JIRA | Jenkins

WORK

Rally Health - Technical Team Lead | Senior Software Engineer

JAN 2016 - PRESENT | SAN FRANCISCO, CA

- Currently leading a team of six engineers building various enhancements and bug fixes for Rally Health's Engage product. Responsible for working with QA, Product Managers and other stakeholders to deliver the team's objectives
- Member of Engineering Tech Staff, serving as a technical leader on various engineering-wide efforts and initiatives
- Led a crack team of engineers across the company to find and fix performance bottlenecks and scale up applications to meet an influx of new users on 1/1/2018
- Migrated a legacy, monolithic application into several scalable, independently deployable microservices. The microservices had lower latency, higher test coverage and better error handling
- Architected and implemented a system for translating strings on-demand based on a user's locale, using an external translations provider. The system is currently in use by several teams across different products
- Built a system to recommend activities based on a user's health goals. The system aggregated data from many sources and provided a list of activities, ranked by their relevance to the user
- Refactored a widely-used, critical user profile system that managed login and registration
- Recognized for providing outstanding live site support, triaging and fixing critical issues while being on call

Opower - Software Engineer

JUNE 2013 - DEC 2015 | ARLINGTON, VA

- Developed a batch data integration platform for ingesting utility data from over 100+ domestic and international clients
- Assisted in migrating and decommissioning clients from legacy import framework to new batch framework
- Worked on tools to visualize ETL and import validation process
- Created internal and external RESTful services for various business needs
- Participated in an on-call rotation and handled several critical client issues
- Created and led a technical book club with coworkers

Qualcomm - Software Engineering Intern

MAY 2012 - AUG 2012 | SAN DIEGO, CA

IBM - Software Engineering Intern

MAY 2011 - DEC 2011 | DURHAM, NC