

JAKE SCHWARTZ

📍 ✉ jakeschwartz@gmail.com 🌐 in jakehschwartz 🔗 jakehschwartz 🌐 jakehschwartz.com

SUMMARY

Interested in data pipeline and backend development with Scala, search using Elasticsearch, maximizing productivity and food trucks.

SKILLS

Languages & Frameworks	Scala, Java, Apache Storm, Python
Software & Tools	Elasticsearch, MongoDB, Redis, DynamoDB, Docker
Other	AWS, Git, CircleCI, Postman

WORK EXPERIENCE

Zignal Labs	Remote
<i>Platform Engineering Manager</i>	<i>Sept. 2020 - Present</i>

- Managed a team of 5 engineers.
- Defined and accomplished quarterly OKRs based on company goals
- Managed sprint processes, from planning and estimating to assigning tasks and tracking developer metrics.
- Collaborated with stakeholders and contributed to product requirements.
- Contributed code when needed.

Zignal Labs	Remote
<i>Lead. Software Engineer</i>	<i>May. 2019 - Sept. 2020</i>

- Concentrated on standardizing, documenting and reducing as much of the sprawling code base as possible.
- Replaced systems with newer and more efficient technologies like Akka Streams and AWS Lambda.
- Planned and implemented larger data processing systems to allow for platform growth.
- Standardized web framework under common library.
- Promoted initiatives to improve documentation, code coverage, integration tests and code style.

Zignal Labs	Remote
<i>Senior Software Engineer: Search & Analytics</i>	<i>Oct. 2017 - May. 2019</i>

- Focused on improving search using Elasticsearch, including schema and query optimizations, major version migrations and performance tuning.
- Mentored junior team members, replaced legacy architecture and improved documentation.
- Planned, architected and implemented numerous major epics, both product focused and engineering initiatives.
- Improved team productivity by speeding up CircleCI builds, adding code coverage metrics and customizing an SBT plugin to aid with releases.
- Contributed and communicated effectively as a remote member of the team.

Zignal Labs	San Francisco
<i>Software Engineer</i>	<i>Sept. 2015 - Oct. 2017</i>

- Implementation and testing of new features for the backend REST APIs.
- Developed and tested several key features for the data pipeline running in Apache Storm.
- Created the first tests for the backend search API against Elasticsearch.
- Advised the backend engineering team's transition into a more rigid agile and release process using GitFlow.

Elbrys Networks	Portsmouth, NH
<i>Software Engineer</i>	<i>Jan. 2014 - Sept. 2015</i>

- Worked alongside the engineers at Tallac Networks on their cloud-managed networking solution.
- Assisted in developing, supporting and architecting a backend solution, written in Scala, that collected streams of data, automated operations.
- Performed MongoDB migrations, index optimizations, and scaling through sharding.
- Resolved both errors and performance issues that improved responsiveness at application and database layers.
- Scaled system to handle over a thousand access points constantly communicating with the backend.
- Assisted with DevOps duties to maintain good overall system health.

Elbrys Networks*Intern*

Portsmouth, NH

Jun. 2010 - Sept. 2013

- During the summer breaks, I worked on their mobile fitness apps, health data aggregation platform, and corresponding mobile SDKs.
- Helped create and launch company's first iOS and Android app.
- Assisted in designing and developing mobile SDKs to record and send health data from the mobile device to the cloud.
- Learned about the Agile methodology and contributed to company's first Agile team.
- Integrated with several 3rd party APIs, including Fitbit, RunKeeper, Wahoo Fitness and Withings.

EDUCATION

University Of New Hampshire

M.S. in Computer Science

Teaching Assistant

Sept. 2012 - Dec. 2013 Durham, NH**University Of New Hampshire**

B.S. in Computer Science

Magna Cum Laude; University Honors

Sept. 2008 - May. 2012 Durham, NH