

Michael Staszel

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OBJECTIVE

To obtain a software engineering position focused on backend development on a motivated team that takes pride in their work. I want to be able to take a business need from planning through design, implementation, testing, and release while working closely with stakeholders and other engineers.

EDUCATION

UNIVERSITY OF ILLINOIS

B.S. IN COMPUTER SCIENCE

- Urbana, IL
- August 2010 - May 2014

EXPERIENCE

RISE INTERACTIVE

LEAD SOFTWARE ENGINEER

December 2015 – Present | Chicago, IL

- Built a horizontally-scalable ETL pipeline using Apache Spark.
- Implemented a real-time event tracking pipeline to feed in to machine learning algorithms.
- Worked with the data science team on a daily basis to implement machine learning algorithms using Apache Spark.
- Led the technology integration effort post-acquisition, integrating SimpleRelevance systems with Rise Interactive.
- Led cloud migration efforts from Microsoft Azure to Amazon Web Services, utilizing EC2, EMR, S3, and other Amazon services to power a data pipeline.
- Mentored junior engineers in programming methodology and best practices on a daily basis.

SIMPLERELEVANCE

LEAD ENGINEER

May 2012 – December 2015 | Chicago, IL

- Developed customer-facing APIs to ingest customer, product, and event data into a relational database.
- Designed and implemented an API to export machine learning predictions to clients in real time.
- Integrated with various email marketing services and e-commerce platforms to ingest and export marketing data.
- Led development of a highly-available link shortening, tracking, and analytics service.
- Developed Ansible automation to provision and manage Linux servers on Amazon Web Services.
- Worked directly with clients to achieve their goals and deliver performance reports.

PROJECTS

ARCH LINUX ARM

March 2011 – March 2013

- Founded an open source community centered around porting the Arch Linux distribution to computers with ARM processors.
- Worked closely with hardware vendors such as Nvidia, Marvell, and Raspberry Pi to develop hardware support for Arch Linux ARM.

COURSEWORK

Software Engineering • Computer Architecture • Parallel Programming • Algorithms • Programming Languages & Compilers

SKILLS

Python • Django • Apache Spark • Apache Cassandra • Apache Kafka • RabbitMQ • Linux • Amazon Web Services • Ansible • Java • Go • MySQL • \LaTeX