

MICHAEL STASZEL

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OBJECTIVE

To obtain a software engineering or architecture position 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 production while working closely with stakeholders and other engineers.

EDUCATION

University of Illinois, Urbana-Champaign

August 2010 - May 2014

Bachelor of Science in Computer Science

College of Engineering

EXPERIENCE

Nielsen

November 2017 - Present

Sr. Software Engineer

- Worked with data scientists, data engineers, and stakeholders on the Multi-touch Attribution product.
- Developed proof-of-concept solutions to data flows using AWS tools (Glue, EMR).
- Led cloud migration efforts to move portions of the on-premise Hadoop jobs to AWS Elastic MapReduce.
- Architected and developed a verified code execution environment delivered to a client.
- Mentored a junior engineer for a month to plan, develop, test, and release a production feature.
- Worked with stakeholders and consultants to automate manual processes and rewrite legacy SAS code into Apache Spark.

Rise Interactive

December 2015 - November 2017

Lead Software Engineer

- 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

May 2012 - December 2015

Lead Software Engineer

- 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 analytic 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.

TECHNICAL STRENGTHS

AWS Certified Solutions Architect • Python • Apache Spark • Apache Hadoop • Apache Cassandra
• Apache Kafka • Apache Airflow • RabbitMQ • Linux • Amazon Web Services • Django • Java
• Go • MySQL • Ansible • L^AT_EX

COURSEWORK

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