



Adam M. Dziuk

Software Engineer

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Skills

Java, Spring, JavaScript, Python, Ruby, Scala, Spark, Kafka, Cassandra, Databricks, AWS, Chef, Docker, Jenkins, Node.js, Vue.js, React.js, Mongo, Redis, Memcached, RabbitMQ, DynamoDB, Postgres, Ruby on Rails, Sinatra, Unity, DC/OS, Airflow, Play Framework

Work History

May 2017 -
Apr 2018

SafeGraph - Sr. Software Engineer

- Wrote Spark jobs that process terabytes of data daily. Areas of focus included ingesting and enhancing movement data and building maps using point-of-interest and polygon data.
- Architected and built out the majority of the first customer-facing UI, including the front-end in Vue.js and API in Play Framework.
- Designed and built an API with Akka for ingesting payloads from mobile SDKs.
- Upon joining, refactored Spark jobs out of Databricks notebooks and into git projects for better version control. Set up CI/CD with Jenkins and Artifactory for automating the build process of our projects. Created a DC/OS cluster and dockerized our internal applications for easier deployment and infrastructure management.
- Extensive work in AWS with VPCs, EC2, EBS, EFS, Lambdas, API Gateway, and more.

Aug 2014 -
Apr 2017

Aptelligent - Sr. Software Engineer

- Full-stack engineer on the data platform team, working primarily in Java, Scala, and Python (Flask).
- Primarily tasked with writing Spark batch & streaming jobs, scheduling jobs in Azkaban, setting up and maintaining Kafka infrastructure, building out data processing pipelines, building out and maintaining our Cassandra cluster, and writing the API to serve our data.
- Often tasked to work in other components of our stack, including JavaScript UI frameworks (supporting legacy Backbone.js framework and building new features in our React framework), JavaScript API services (Node.js and Express), and Ruby (Chef).
- Consolidated two separate collection and Kafka storage pipelines into a single pipeline, saving approximately 40% on monthly costs in AWS EC2 and EBS for the two tiers.
- Promoted to Sr. Software Engineer in July 2015 after 11 months.

Education

2009 - 2012

University of California, Davis

Bachelor of Science (B.S.) in Molecular and Cellular Biology

Dean's List