



# Jesse Adametz

Senior Data Engineer at Graphiq. Passion for automation, productivity, elegant design, and craft beer.



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jadametz



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## ABOUT

DevOps / Data Engineer with a focus on creating repeatable processes and systems that people enjoy using. Over the last 7 years I've honed my skills in Data Engineering, Infrastructure Provisioning, Database Development & Analysis, Automation, and Operations.

## WORK EXPERIENCE

### Senior Data Engineer II, Graphiq

Jan 2016 - Present ⌚ 6 months

Graphiq is a semantic technology company that instantly delivers deep insights from the world's data. Since 2010, the company has amassed the world's deepest and most interconnected knowledge graph, encompassing 500 collections, 1 billion entities, 250 billion data points and 25 billion curated relationships. At Graphiq I am currently responsible for all offline infrastructure which hosts our ETL Pipeline of recurring jobs and normalization services.

- Principal developer of Data team's Ansible managed AWS infrastructure

### Senior Data Engineer, Graphiq

Jul 2014 - Jan 2016 ⌚ 1 year 6 months

As a senior member of Graphiq's Data team I instantiated best practices and standards around code quality, open source initiatives, build pipelines, and infrastructure management.

- Contributed the pdi-fastjsoninput-plugin to Pentaho's Kettle project
- Became co-chair of the Training & Development committee, responsible for ensuring and coordinating the continued growth of Graphiq's team

### Data Engineer, Graphiq (formerly FindTheBest)

Aug 2013 - Jul 2014 ⌚ 10 months

As an engineering resource for the Product Management team I developed ETL solutions for ingesting new data sources into the Knowledge Graph, allowing the team to expand into more complex and frequently updating data sets.

- Authored and led a 12 week curriculum on Pentaho's Data-Integration (Kettle), which now serves as the foundation of Product Management's onboarding process and enables self-service development of ETL jobs.
- Developed the first iteration of Engineering's ETL Scheduler and Pipeline

### Data Analyst / SQL Developer, Experian

Jan 2011 - Sep 2013 ⌚ 2 years 8 months

At Experian I was part of the Autocount team of engineers responsible for the reporting (22M Records/Year) of new and used vehicle sales within the U.S.

- Developed well structured T-SQL, stored procedures, and SSIS packets to automate and handle all ETL processes
- Refactored monthly ETL processes, decreasing processing time by 25%
- Refined monthly commits to Reporting Warehouse, decreasing data transfer time by 50%

### Setup Configuration Specialist, Aon Hewitt

Aug 2010 - Dec 2010 ⌚ 4 months

- Reviewed and executed test (including regression) plans in order to solve system defects

### Management Information Systems Intern, Lockheed Martin

Apr 2009 - Aug 2010 ⌚ 1 year 3 months

As a member of the M-TADS/PNVS Reset team I helped to manage logistics of three program contracts responsible for the maintenance of Apache helicopter systems returning from theater.

- Developed and maintained loan tracking database and metrics to ensure contract integrity

## SKILLS

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**Daily Toolbelt (advanced):** Ansible, AWS, Data (incl. filesystem) Migration, Docker, Jenkins, Percona / MySQL, Python.

**Techniques (intermediate):** Configuration Management, Continuous Integration / Deployment, TDD.

**Other (intermediate):** Bash, Java, JavaScript, Kafka, PHP.

## EDUCATION

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### Management Information Systems, Bachelor of Science, University of Central Florida

Jun 2006 - Aug 2010

### Computer Programming & Analysis, Associate of Science, Valencia College

Jan 2012 - Apr 2013

## AWARDS

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### Winner: Fuelzee, Startup Weekend Orlando

Awarded on: Nov 2012

Fuelzee is like Foursquare for gas stations, but with real-time rewards. We help you find the cheapest gas near you, and give you rewards on things like Snickers, Slurpee's, Slim-Jims, and gas!"

## VOLUNTEER WORK

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### Docker Santa Barbara Meetup Organizer, Docker

May 2016 - Present

Organize monthly meetup events to discuss all things Docker.

### Hour of Code Volunteer, Code.org

Dec 2015 - Dec 2015

Worked with a 2nd grade class at Leonora Fillmore Elementary School in Lompoc, CA to introduce them to Computer Science and help with Code.org's interactive learning lessons.