Andrew Mauricio

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WORK EXPERIENCE

WunderPics   **Jul 2021 – Present**
Co-Founder & Chief Technology Officer   *Los Angeles, CA*
- Created WunderPics, a global photo marketplace that allows all photos to be searchable by precise location, the exact date & time at which the photo was taken, and the activity that is occurring in the photo.
- Developed and architected an entire marketplace using Stripe payments, and created a distributed and secure image storing pipeline to parse photo metadata and upload millions of photos utilizing AWS S3, Lambda and SNS.

Digital Service @ VA.gov   **Feb. 2022 – Feb. 2023**
Senior Software Engineer   *Arlington, VA*
- Developing an internal application that gives admin users the ability to create and send email and text notifications to VA.gov end-users, utilizing a highly distributed messaging API in AWS.
- Mentored a team of three engineers and introduced them to Ruby on Rails 7 using test-driven development, pair programming, and scrum methodologies.

Sitewire   **Dec. 2021 – Aug. 2023**
Founding Engineer   *San Francisco, CA*
- Created RESTful APIs to support both mobile and web interfaces for mission critical features, such as: a fraud detection API, multimedia capture and compression API, and a construction project management API utilizing AASM Ruby.
- Developed and maintained a highly performant and modern user interface utilizing Hotwire, Stimulus, and Rails 7.

Los Angeles County, Assessor   **Mar. 2020 – Jul. 2021**
Senior Software Engineer   *Los Angeles, CA*
- Developed and deployed a scanning software system used by over 100+ employees to electronically index millions of Assessor documents and stored them in OracleWCC.
- Developed feature enhancements and defect fixes on a three-tier application spanning multiple databases and participated in agile practices and methodology to develop software in an iterative and collaborative environment.

TrueCar, Inc.   **Feb. 2015 – Jun. 2019**
Data Engineer / Platform Engineer   *Santa Monica, CA*
- Refactored the Dealership Search Algorithm (DSA) pipeline, the main API that connected consumers to dealerships, to use Spark/Scala from Java/Hadoop. Improved the performance from the legacy API by 90%.
- Developed an internal fullstack application enabling TrueCar employees to create complex ETL pipelines, with the ability to move large data sets to a multitude of different data sources and destinations. Moved and updated gigabytes of data daily. Decreased ETL job execution and creation time up to 80%.
- Transitioned from Jr. Software Engineer to Platform Engineer to Data Engineer.

EDUCATION

California State University Fullerton   **May, 2015**
B.S, Computer Science   *Fullerton, CA*
- Attended 36 Hour Hackathon at the University of Southern California (USC) and won best "Best Myo Hack" (2014)

SKILLS & INTERESTS

- **Skills:** Ruby, JavaScript, Python, Java, C#, SQL, bash, HTML, CSS, Ruby on Rails, React, Node.js, Flask, Tailwind, Spark, Hadoop, PostgreSQL, Microsoft SQL Server, MySQL, ElasticSearch, Docker, Github, Stripe, Google Analytics, Datadog, Amazon Web Services, S3, Lambda, SNS, JIRA, NewRelic, Google Cloud, BigQuery, Agile, Scrum, Figma
- **Interests:** Traveling (26 countries), hiking, backpacking, camping, pickleball, golf, surfing, crossfit, web3