

# JESSE REESE

I'm a highly motivated, self-taught full stack engineer with a passion for the web.

I have 10+ years in web development, utilizing a wide array of web technologies. As well as constantly seeking out emergent open source technologies.

I also have experience in systems administration (SysOps), Linux (DevOps/SysOps), various Microsoft server technologies, network architecture, and virtualization.

## PROFESSIONAL EXPERIENCE

### Lead Front-End Engineer, TGen Foundation

Phoenix, AZ. March 2019 - Present

- Implementing new features for our primary Angular application, as well as refactoring existing functionality.
- Introduced industry standard development practices through the use of automated tooling such as SonarQube and more in depth code reviews.
- Work with the business to help plan and groom tasks coming down the pipeline.

### Senior Front-End Developer, Republic Services (Contract)

Phoenix, AZ. July 2018 - Feb 2019

- Worked with multiple departments to help implement a new user preference feature using AngularJS for the frontend, as well as wiring up new REST API endpoints to fetch data from our Java based gateway using ES6 JavaScript / NodeJS.
- Helped support the production environment by addressing/resolving high impact issues, using Splunk / Trackjs for debugging/logging.
- Worked to increase code coverage, in Angular using Jasmine, and in the backend Node API using primarily Chai and Sinon.
- Using Angular 5 to migrate a third-party payment gateway to an inhouse solution.

### Senior Software Engineer, Berkadia

Phoenix, AZ. Oct. 2017 - July 2018

- Developed a wide array of containerized NodeJS microservices using Docker. These services would be components of a larger pipeline, parsing and storing data to the central MySQL database. Communication between services was achieved either with Kafka or REST.
- Utilized AWS S3's SDK to develop a reusable file storage/retrieval service.
- Built out the Kafka Node component to be used within multiple services.
- Worked on migrating a monolith legacy Angular/Koa application over to our standard practice microservice architecture.

### Senior Software Engineer, Station Casinos

Las Vegas, NV. Oct 2016 - Sept. 2017

- Architected and implemented a microservice pipeline for receiving/handling Race/Sports data from a third-party datastream via a web socket. This included

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<https://jessereese.com>

<http://linkedin.com/in/jcreese>

<http://github.com/messified>

## SKILLS

- Typescript / JavaScript ES6+
- NodeJS
- Angular / MongoDB
- Amazon Web Services
- RabbitMQ / Kafka
- PHP5.6+ OOP / MySQL
- Git Version Control
- Docker / Docker Compose
- Symfony 2
- HTML5, CSS3
- Drupal 8

## REFERENCES

### William Hance

Engineering Manager at HauteLook

<http://linkedin.com/in/billhance>

### Mark Soloman

Engineering Manager at Station Casinos

## EDUCATION

### Symfony Live Portland 2013

Symfony Advanced Bundle

### Berklee College of Music 2008

Bachelor of Arts – Music Business

building out a Node Socket server to handle and parse out the incoming XML messages into JSON, then sending down the pipeline via RabbitMQ for further processing.

- Developed an internal app / API for processing old member receipts, allowing members to receive points for past purchases. Client side using Angular 2 communicating to a Node API service to fetch/store data within a MSSQL database, as well as MongoDB.
- Worked with multiple teams to develop a standard microservice generator to help streamline development. All services were developed using Typescript.

## **Senior Software Engineer, TVGla (Contract)**

Los Angeles, CA. April 2016 - August 2016

Architect, and implement internal tool. Project included a full end to end solution.

- Developed an internal media storage application using Drupal 8, to be used not only for organizational purposes but also for presenting various media items (Posters, Videos, Web banners, etc) for clients to view multiple versions. Along with viewing, comment, approve/reject, as well as a wide range of features for internal users to edit / admin content and users.
- This project involved custom module development using PHP5.6, as well ES6 JavaScript to facilitate client side functionality.

## **Software Engineer, Hautelook Inc, A Nordstrom Company**

Los Angeles, CA. June 2014 - March 2016

- Worked primarily as a part of the full-stack team developing various features consisting of extending backend Symfony services, as well as front end modifications using EmberJS.
- Implemented the shipping obligations feature to NordstromRack.com, this consisted of developing new backend services, as well as frontend components.
- Implemented a new solution for modifying all SKU pricing for specific events/sals, this included "Clear the Rack" which needed to reduce all 500,000+ SKUs 20%, then revert after the sale. This was implemented using a custom Bash script / MySQL functions.
- Revamp how Google Analytics collects activity for NordstromRack.com

## **Software Engineer, The Hollywood Reporter**

Los Angeles, CA. Sept. 2013 - May 2014

- Refactor and optimize various components within their Drupal based CMS
- Develop new functionality (Module & Theme) based on requirements from Editorial and Product. (Drupal 6, LAMP Stack)

## **Sr. Web Developer, Mobile Roadie**

Beverly Hills, CA. June 2013 - Sept. 2013

- Developed a system that emailed notifications to customers with credit cards that had or were about to expire
- Heavily refactored and simplified the system that generated web performance reports for the company's partners

## **Sr. Web Developer / SysOps, Kole Imports**

Carson, CA. Feb. 2012 - May 2013

- Developed an open source REST API client for customers
- Maintained the company REST API, customer-facing admin site and all web-based internal applications
- Architected, built and maintained the Network infrastructure for 80 users
- Built a custom mobile web app using jQuery mobile and codeigniter for the warehouse to increase productivity.

## **Web Developer, Freelance, Contracts**

Saratoga Springs, NY. August 2008 - Present

- Developed multiple payment gateways using (Paypal & Stripe API's), as well as custom gateway integrations.
- Worked on various projects with Web Instinct (Saratoga NY) and SurfMyAds.com (Santa Monica CA)
- Custom theme development within Codeigniter, Concrete5 and WordPress