

# Jayson Virissimo

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**GitHub** [jaysonvirissimo](#) **LinkedIn** [jaysonvirissimo](#)

## SKILLS

CSS, GraphQL, HTML, JavaScript, Rails, React, REST, Ruby, SQL, TypeScript

## EXPERIENCE

### Handshake

**Senior Software Engineer** May 2022 - Jan 2023

Maintained and added features to student and employer inboxes (and associated services)

- Migrated expensive operations from monolith to messaging miniservice
- Modelled career fair business rules as GraphQL types
- Replaced inbox RESTful endpoints with analogous GraphQL mutations
- Introduced command objects to legacy controller actions to reduce feature rollout risk
- Participated in hackathon project that inspired real production features
- Mentored interns and junior developers

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### Tuft & Needle

**Engineering Manager, Purchase Experience** Feb 2021 - Apr 2022

Lead team responsible for checkout, payments, promotions, and retail POS system

- Helped my direct reports develop career progression plans and learning goals
- Lead standups, grooming, planning, and retrospectives
- Improved checkout performance and fixed security vulnerabilities
- Implemented idempotent charge step to avoid double charges
- Designed and implemented shipping address validation result caching
- Updated register to scrub out-of-stock items from customer carts
- Determined team's objectives and key results

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### Tuft & Needle

**Engineering Manager, Customer Experience & Retail Experience** Dec 2018 - Feb 2021

Lead engineering team responsible for customer experience tooling

- Helped stakeholders prioritize feature development and system maintenance
- Negotiated with business for promotions and raises for direct reports
- Automated FedEx shipment handling requests

- Implemented secure deactivation of user records
  - Integrated with Textline API and implemented double opt-in flow
  - Add custom fraud check rules for Affirm and PayPal payment methods
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## Tuft & Needle

**Software Engineer**   Sep 2015 - Dec 2018

Built tools for customer experience users and automated product fulfillment flows

- Upgraded large monolith Rails application from 4.2 -> 5.2 and Ruby from 2.4 -> 2.6
  - Designed and implemented sales tax service outage fallback system
  - Discovered and hardened against SQL-injection vulnerabilities in operations portal
  - Designed and implemented passwordless POS system authentication
  - Add DOS attack protection to high throughput grape endpoints
  - Introduced automated performance testing and reduced product queries 22-fold
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## JetPack Enterprises

**Web Developer**   Jan 2015 - Aug 2015

Repaired, refactored, and added features to legacy software projects

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## Bloom & Speak Bilingual Tx

**Co-founder**   Dec 2011 - Aug 2017

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## Mesa Police Department

**Public Safety 911 Operator**   Jan 2011 - Mar 2013

## EDUCATION

### Arizona State University

Aug 2005 - May 2009

Bachelor of Science - Political Science

## LANGUAGES

English

*Native speaker*

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Portuguese

