

Jayson Virissimo

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

SKILLS

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

EXPERIENCE

+SUBSCRIBE

Software Engineer Feb 2023 - Present

Maintained and extended critical infrastructure as member of Core Team

- Spearheaded the research, design, and development of a Learning Management System, enabling financial advisors to undergo multimedia trainings for investment product access. Integrated real-time data synchronization with external platforms, fortified authentication and authorization mechanisms, and incorporated export features for enhanced usability.
- Resolved user importer performance issues for our largest integration partner by refactoring our team structure and implementing a series of data migrations that safely destroyed tens of millions of unnecessary records

Handshake

Senior Software Engineer May 2022 - Jan 2023

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

- Worked with PM and designers to create architectural decision records
- 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
- Worked with EM to improve code review practices and code quality metrics

Tuft & Needle

Engineering Manager Dec 2018 - Apr 2022

Lead teams responsible for customer experience tooling, checkout, payments, promotions, and the retail POS system

- Lead standups, grooming, planning, retrospectives, and created architecture documents
 - Helped my direct reports develop career progression plans and learning goals
 - Improved checkout performance and fixed security vulnerabilities
 - Implemented idempotent charge step to avoid double charges improving customer ratings
 - 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
 - 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

Bloom & Speak Bilingual Tx

Co-founder Dec 2011 - Aug 2017

EDUCATION

Arizona State University

Aug 2005 - May 2009

Bachelor of Science - Political Science

Chartered Alternative Investment Analyst Association

- Aug 2023

Certificate - Fundamentals of Alternative Investments

LANGUAGES

English

Native speaker

Portuguese

A2 (Certificado inicial de português língua estrangeira)