

# Andrew Steinborn

Brooklyn, NY

Resume, October 2023

andrew@steinborn.me

GitHub: @astei

## Summary

Experienced software engineer with an unconventional background. Passionate about problem solving, going deep and wide, learning new concepts, and thinking about what needs to be done to scale a system to ever higher volumes.

## Experience

Ramp Business Corporation, New York, NY *June 2023 - Present*  
**Senior Software Engineer, Spend Platform**

- Worked on a fundamental re-do of how webhook handling works at Ramp.

**Senior Software Engineer, Bill Pay and Payments** *March 2023 - June 2023*

- Built the infrastructure to identify payments to be sent using state money transmitter licenses and appropriately direct payments to the correct bank account for payment.
- Identified and resolved customer issues that were escalated to engineers.

**Software Engineer, Bill Pay and Payments** *November 2021 - March 2023*

- Added support for international payments, allowing Ramp to generate revenue from its Bill Pay product by charging for international payments.
- Extended Ramp's payments platform to support a variety of internal payments use cases, including supporting an initiative that dramatically lowered Ramp's cost of capital for settling purchases on cards.
- Migrated customer payments to a new provider to provide yield on funds held as part of money transmission, providing significant COGS reduction for Bill Pay and Reimbursements.
- Identified and resolved customer issues that were escalated to engineers.
- Technologies used: Python (Flask), Celery, PostgreSQL, TypeScript, AWS, Terraform

Branch Technologies, Inc., Kirkland, WA (remote) *February 2021 - October 2021*  
**Software Engineer**

- Improved conversions by improving website load times, implementing new features, and optimizing backend infrastructure and client performance.
- Created local development environments to enable rapid development turnaround times.
- Technologies used: Java, JavaScript/TypeScript, Python (Flask), React, Phaser game engine, AWS, Terraform, PostgreSQL, Spring Boot/Web MVC, Project Reactor

University of West Georgia, Carrollton, GA *January 2019 - November 2020*  
**Computer Science Teaching Assistant**

- Provided tutoring for students with assignments and labs in introductory computer science classes in Java, JavaScript, and Python.

- Graded assignments with HTML, CSS, JavaScript, and Python code.
- Oversaw and answered questions in supplemental instruction sessions with students.

Mineteria, Inc. (now Voldex Games)

March 2018 - February 2021

**Software Engineer**

- Wrote software to improve *Minecraft* server compatibility with Kubernetes.
- Completed work on a web store written using React, Django and Cloudflare Workers communicating with an Elixir backend, allowing the company to sell virtual products, including the ability to share products across PC and mobile versions of *Minecraft*.
- Enhanced Java-based *Minecraft* modifications to be more scalable and easier to maintain.

Tebex Limited, Nottingham, UK (remote)

November 2015 - August 2017

**Developer**

- Rewrote the main *Minecraft* g-commerce integration software using a platform-independent core written in Java, increasing customer satisfaction and allowing purchases on more gaming platforms.
- Began the process of moving the business towards developing integrations with games in other programming languages outside of *Minecraft*, starting with a PHP plugin for *Minecraft: Bedrock Edition* servers.
- Collaborated on the development of a new REST API for g-commerce purchases, which has processed over 9 figures in payment volume for many different game servers.

Open Source Developer

September 2013 - Present

**Developer**

- Contributed to a variety of open source projects, including the Phaser game engine, a variety of *Minecraft* related projects, the *Netty* network I/O library and more.
- Notable projects I have created include RedisBungee, BuycraftX, and Velocity.

**Skills**

- |                        |                               |
|------------------------|-------------------------------|
| • Java (10 years)      | • SQL (MySQL and PostgreSQL)  |
| • Python (9 years)     | • Redis                       |
| • Go (5 years)         | • Linux system administration |
| • HTML/CSS (8 years)   | • Git                         |
| • JavaScript (5 years) | • Terraform                   |
| • React (3 years)      | • Amazon Web Services         |

**Education**

University of West Georgia, Carrollton, GA

Did Not Graduate

**Bachelor of Science, Computer Science**

- Dean's List, Fall 2017 – Fall 2019
- Honors College student
- ACM President from Summer 2019 to Spring 2021