

Aaron Taylor Hammer

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Experience

Senior Full Stack Software Engineer

Square / Block - Block, Stamford, CT - Remote

October 2024 – Present

- Pitched and created the initial fullstack architecture for the Block Checkout Platform which was created to unify all checkouts that total \$35 billion in yearly GPV spanning 8 teams across Cash App and Square.
- Architected the frontend engineering designs and led a small team of 3 to implement Order with Google and Google Business Profile syncing for all Square and Cash App sellers in React and Typescript.
- Led a team of 6 engineers for a rapid prototyping to prove out Square's agentic commerce capabilities.
- With a team of 2 other engineers we brought Square's ecommerce checkouts in EAA's accessibility compliance.

Full Stack Software Engineer II

Square / Block - Block, Denver, CO - Remote

October 2022 – October 2024

- Led several projects and owned the frontend for Square Payment Links on a 9-person team using Golang, PHP, Typescript, and Vue that managed over \$4+ billion in processing volume, growing 62% YoY for 2024.
- Rebuilt Square Payment Link's tipping feature to let over 1 million sellers customize tip percentages, support their local currencies, and to provide more localized tipping percentages as defaults.
- Drove our code red for reliability, created and owned our observability documentation and stack in Datadog, and wrote up and led a 90-day plan to get all our SLOs from failing to 99.995% at the end of our initiative.
- Led the migration of our Payment Links' services from on-prem to AWS infrastructure using Terraform.
- Created the buyer-side frontend for Square's restaurant QR code checkout experience, visited restaurants during to offer help, and unlocked over \$70 million in processing volume for Square Payment Links' MoM.

Full Stack Software Engineer II

Formerly Rally Health - Optum Digital / UnitedHealth Group, Denver, CO - Remote

July 2021 – October 2022

- Contributed with an 8-person Scrum team to a React frontend and Scala microservice backend for the UHC healthcare client dashboard landing page that's accessed by over 50+ million customers worldwide.
- Led and rapidly implemented the frontend requirements for a SSO redirect on myUHC to enable over 26 million customers to receive free COVID-19 tests by week's end to comply with federal mandates.
- Drove a performance initiative to improve UX. I reduced our max bundle from 1.62MBs to 495KBs and slashed FCP by 0.4 seconds through lazy-loading, bundle-splitting and concurrent rendering.
- Contributed with a dedicated team to migrate the client dashboard, myUHC, from AngularJS to ReactJS

Full Stack Software Developer

Clearview Social, Denver, CO - Remote

August 2019 – July 2021

- Modeled and created the AWS infrastructure for a scalable serverless image caching API that returns images in a specified size and image format while caching alternative formats. Image transfer size dropped 50%+.

Projects

WhereIdLive

<https://whereidlive.com> - Owner and Creator

August 2025 – Present

- Viral application that lets users pick their living preferences with 1m+ unique visits and 12m+ votes.

Education

Bachelor of Science in Computer Science

University at Buffalo, Buffalo, NY

August 2015 - August 2019

Skills

Language & Frameworks

Javascript, Python, Typescript, Golang, PHP, React, React Native, Vue, Node.js, Express.js, Next.js, SQL

Tools, Tech, Certs, & Skills

DataDog, AWS, Terraform, Checkouts, Payments, Conversions optimizations, Accessibility, Observability, Testing, Maintenance and refactoring, Software design and architecture