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 architecture for the Block Checkout Platform that was funded which was created to unify all 14+ web checkouts throughout Square, Cash App, Tidal, and more.

- Led a small team to create a proof of concept, and later the infrastructure and frontend foundations for a Block wide checkout platform that required involvement from over 8 platform and application teams.

Full Stack Software Engineer II/L4

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 percents 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 that got all our SLOs from failing to 5 9s 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 front-end and Scala microservice back-end for the UHC healthcare client dashboard landing page that's accessed by over 50+ million customers worldwide.

- Led and rapidly implemented the front-end requirements for a SSO redirect on myUHC to enable over 26 million customers to receive free COVID-19 tests by weeks 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

PayShare

https://payshare.gg/ - Owner and Creator   Aug. 2020 – April 2022

- Service that lets users split costs with one-time and subscription payments. Built with React and Tailwind CSS.

Education

Bachelor of Science in Computer Science

University at Buffalo, Buffalo, NY   Aug. 2015 - Aug. 2019

Skills

Language & Frameworks	Tools, Technologies & Certs
Javascript, Python, Typescript, Golang, PHP, React, React Native, Vue, Node.js, Express.js, Next.js, SQL	AWS (Solution Architect Certified), Terraform (Associate Certified), GraphQL, Datadog, Git, CSS, HTML, WebSockets, Proto Buffers, RPCs