

I am a full-stack software engineer and technical leader who loves building beautiful products from 0 to 1 and solving hard scaling and systems problems.

Work Experience

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| Co-founder & CTO Perch | GM Labs | 2023–Present |
| <ul style="list-style-type: none">• Led engineering as CTO, building the web, iOS, Android, and backend platforms from scratch.• Scaled the product to 20K users, 13K publications, and 3.3M indexed articles through a unified ingestion, indexing, and search architecture.• Managed a team of 4 engineers while remaining hands-on across full-stack delivery, architecture, and roadmap prioritization.• Shipped premium AI chat and text-to-speech features and implemented monetization via Stripe and RevenueCat. | | |

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| Co-founder & CTO gm.xyz | GM Labs | 2021–2023 |
| <ul style="list-style-type: none">• Built gm.xyz as CTO, shipping one of the first crypto-native social networks across web, iOS, and Android.• Scaled the platform to 30K users with an architecture spanning React/React Native clients, Node/Express servers, and AWS-backed data infrastructure.• Designed and implemented core product systems including wallet-native auth(SIWE), token-gated access, ranking/discovery, and community moderation workflows. | | |

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| Senior Software Engineer Grainger | ThoughtWorks | 2019–2021 |
| <ul style="list-style-type: none">• Led a major identity-management overhaul for Grainger by integrating Ping and implementing OAuth 2.0-compliant federation flows, enabling secure federated identities for internal employees.• Built core DevOps platform infrastructure using Terraform, Python, Kubernetes, and AWS, reducing internal application provisioning time from weeks to hours.• Built a Java-based data-sanitization and normalization layer in front of multiple Grainger APIs, standardizing product taxonomy payloads for downstream user-facing applications. | | |

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| Senior Software Engineer Synchrony Financial & HBO | WillowTree | 2016–2019 |
| <ul style="list-style-type: none">• Operated as an embedded engineer at Synchrony Financial where I implemented their Point-of-Sale system for onboarding and converting customers to branded credit cards at edge terminals.• Collaborated with a team of 6 people to develop and deliver the front-end of the HBO Europe web app using TypeScript and React. | | |

Education

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| • B.Sc. Computer Science , University of Virginia | 2014–2017 |
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Languages and Technologies

- **Languages/Frameworks:** Typescript, React, React Native, Python, Rust
- **Technologies:** Postgres, AWS, Git, Kubernetes, Terraform
- **Tools:** Cursor, Codex, Ghostty, Claude Code