

Hayden Phothong

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Summary

Full-stack engineer with 7+ years of experience who cares as much about how software gets built as about what ships. I do my best work making other engineers faster, through clear design docs, reliable tests and pipelines, and AI-assisted workflows that remove toil without replacing judgment. I'm strongest in React and TypeScript, at home anywhere in the stack, and drawn to ambiguous problems that need someone to set direction.

Experience

Senior Frontend Engineer · SoFi · Seattle, WA · Jun 2025 – Present

- Built the frontend for SoFi's zero-to-one Small Business Lending preapproval funnel in a 20-engineer org, covering the SMB loan application flow and Plaid bank account linking. Helped launch features that grew usage 100% month over month, to 80K monthly active users.
- Worked beyond the frontend on Kafka-based data analysis pipelines for SMB Lending.
- Authored design docs that set team direction: Plaid bank account linking, versioned user consent with dynamic rendering, Playwright end-to-end testing, CI/CD automation, and a hybrid Scrum/Kanban SDLC process.
- Led my team's adoption of AI-assisted development. I ran knowledge-share sessions that onboarded most of the team to Claude Code and gave recurring company talks on new Claude releases.
- Built multi-model agent workflows in Claude Code and Pi (omp): Claude Opus for planning and investigation, Claude Haiku subagents for delegated coding tasks, plus custom Skills.
- Shipped features for AtWork, a B2B2C employee-benefits product: student loan reimbursement, tuition reimbursement, and student loan verification.

Software Engineer · Meta · Seattle, WA · Jul 2024 – Jun 2025

- Built Nicknames for Facebook Groups across iOS and web, a per-group persistent pseudonym extending anonymous posting. It launched globally in Nov 2025 to Groups' 1.8B+ monthly users and drew coverage from TechCrunch.

- Contributed to anonymous posting and commenting in Groups, which required careful handling of identity and privacy.

Front-End Engineer II / Software Dev Engineer II / I · Amazon Web Services · Seattle, WA · Apr 2022 – Jun 2024

- Built the frontends for Amazon QuickSight Q and Data Stories, generative BI features launched at re:Invent 2023. They turn LLM structured responses into AI-assisted analysis and narrative reports for data analysts and weekly business reviews.
- Authored the design doc and migration path for moving Data Stories' editor state to Lexical, adding undo/redo history.
- Developed within a React, Redux, and TypeScript micro-frontend architecture backed by Java services. Promoted from SDE I to SDE II.

Software Engineer / Associate Software Engineer · Paylocity · Jan 2020 – Apr 2022

- Built full-stack features for Community, a workplace social feed with posts, comments, video, and images, and for Rewards & Recognition, a peer-recognition product.
- Worked on a stack of .NET Core microservices, SQL Server, React, TypeScript, and Redux Toolkit. Promoted from Associate to Software Engineer.

Software Engineer · Clearwater Analytics · Boise, ID · Jun 2019 – Jan 2020

- Worked on the stock-ticker pricing ingestion team, a core platform team that owned the company's ETL and reverse-ETL pipelines.

Projects

Social Fitness App · Solo full-stack build · Expo / React Native, AWS serverless

- Built the whole stack myself: an Expo / React Native client on an SST v3 backend running API Gateway, Lambda, Aurora Serverless v2 (PostgreSQL with Drizzle), and EventBridge.
- Designed an event-driven push notification pipeline that runs EventBridge → Lambda fan-out → SQS → Expo push. It has critical and default queue tiers, Valkey-backed cooldowns and presence tracking, batching, and receipt sweeps that keep APNs tokens healthy.
- Kept the system type-safe end to end, with Zod discriminated unions for queue messages and route contracts. Auth uses Apple and Google sign-in through Cognito.

Skills

- **Languages:** TypeScript, JavaScript, Java, C#, Kotlin, SQL
- **Frontend:** React, React Native / Expo, Zustand, Next.js, rich text editing, micro-frontends
- **Backend & cloud:** Node.js, Bun, AWS (Lambda, API Gateway, EventBridge, SQS, Aurora, CloudFront, Cognito), SST, .NET Core, Spring Boot, PostgreSQL, Drizzle, Redis / Valkey, Kafka
- **AI tooling:** Claude Code, subagents, Skills, multi-model agent workflows, prompt and context engineering
- **Testing & delivery:** Playwright, MSW, A/B testing, GitHub Actions, GitLab CI, EAS Build, Yarn (workspaces), Nx monorepos

Education

B.S. Computer Science · Boise State University · 2019