Khau Ho

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Summary

A technical leader with over a decade of experience designing and building products, taking ideas from 0 to 1 and beyond in open source, startup, and enterprise environments.

Experience

Engineering Lead @ General Intelligence 2023-2025 (Remote, Canada, Contractor)
- 1st engineer
- Lead a group of 7+ engineers (2 core team members and scouted, hired and onboarded 5+ contractors)
- Wore multiple hats (product owner, lead designer, tech lead, engineering manager, scrum master, etc)
- Designed, developed and productionized a ChatGPT (an AI chat app) clone from 0-1 (3 major versions)
- 1 of 2 product owners responsible for creating and maintaining the feature roadmap
- Established and maintained team processes (Agile, Kanban, planning, retrospectives, etc)
- Spiked on emerging/competing tech to bring into the app
- Tech stack includes Vite, TypeScript, Redux, RTK Query, HeadlessUI, TipTap, Tailwind, Express.js, Langchain, Node.js, Postgres, Docker, Python, +much more deployed to AWS (Amplify, Cognito, EC2, etc)

Tech Lead @ Commit 2020-2023 (Remote, Canada)
- 1st engineer
- Lead a team of 10+ developers to build V2 of a proprietary social network web product
- Wore multiple hats (product owner, project manager, engineering manager, scrum master, UI Architect, etc)
- Ran the Design Guild (consisting of non-technical members) and the Architecture Guild (consisting of only technical members)
- Implemented the team's day-to-day process (Kanban with light Agile/Scrum practices)
- Performed tech assessments (100+) for community member candidates (1 of 2 principal engineers responsible for allowing/denying applicants + designing the overall interview process)
- Worked with executive, design, product and engineering teams to form the quarterly roadmaps
- Did yearly performance reviews for all direct reports
- Tech stack includes Material UI, React, Auth0, Express.js, Postgres, CircleCI, Kubernetes, etc

Tech Lead, APIC Security UI Team @ IBM 2020 (Remote, Canada+US)
- Lead dynamic teams (usually consisting of 3-6 people) to deliver various features for a proprietary API lifecycle management product (API Connect V10)
- Architected and developed many UI features from start-to-finish as an individual contributor using technologies such as Carbon Components, CSS3, HTML5, JavaScript, Jest, Node.js, React, Sass, and Webpack
- Reported directly to upper management through weekly Scrum of Scrums (presented insights, risk assessments, status updates, etc)
- Provided UI expertise to the Security team for planning cross-product features (integration projects that span multiple teams and clients)
- Maintained relations with clients through the IBM Lab Advocacy program (Canadian Pacific Railway)
- Helped with non-coding tasks such as demos, open source clearance, quality assurance

Tech Lead, APIC UI Team @ IBM 2019-2020 (Remote, Canada+US)
- Lead the UI development efforts for a proprietary API lifecycle management product (API Connect V8+V9) with multiple teams consisting of 10+ members in various time zones (Toronto+California)
- Architected and developed many UI features from start-to-finish through individual and team contributions using technologies such as Carbon, CSS3, HTML5, JavaScript, Jest, Node.js, React, Sass, Webpack
- Reported directly to upper management through weekly Scrum of Scrums (insights, project management, risk assessments, status updates)
- Formed team processes based on Agile Methodologies (backlog grooming, daily scrums, retrospectives, sprint planning, sprint reviews)
- Mentored many individuals and was responsible for providing yearly feedback for all direct team members

- Represented the API Connect team in a cross-organization UI guild (1 of 2 people chosen by the IBM Hybrid Cloud VP, each IBM location around the world is allowed only 2 representatives)
- Maintained relations with clients through the IBM Lab Advocacy program (MUFG Bank, Japan)
- Implemented features outside of the UI team in emergency situations/fires
- Helped with non-coding tasks such as demos, open source clearance, publishing product-related articles, quality assurance

Full Stack Developer, APIC UI Team @ IBM 2017-2018 (Remote, Canada+US)
- Implemented many UI features for a proprietary API lifecycle management product (API Connect, version 5-6) using technologies such as Carbon, CSS3, HTML5, JavaScript, Jest, Node.js, React, Sass, Webpack
- Delivered the most features for version 6 of the product (~1M+ lines of code, more than 10X the amount of any other developer on the team)
- Rewarded with a 2-band promotion to Tech Lead (normally takes 3-4 years/level) for my contributions towards a successful major product launch

Full Stack Developer @ StrongLoop 2014-2017 (Remote, Canada)
- Designed and implemented many features in an open source Node.js framework for building APIs and microservices (LoopBack 3+4, 13K+ stars on GitHub, https://github.com/strongloop/loopback) as 1 of 4 core contributors
- Developed features and fixed bugs for a variety of projects across 20+ repos (https://github.com/strongloop)
- Lead the community & contribution efforts for LoopBack (blog articles, code of conduct, contribution guides, maintainer guides, wikis, etc)

Full Stack Developer @ Stage 3 Systems 2013-2014
- Implemented features for a real-time collaborative email system SEDNA (https://sedna.com/) built on a JavaScript-focused web stack (Backbone.js, CSS3, Elasticsearch, Express.js, HTML5, Node.js, Socket.io)
- Maintained production instances of SEDNA on AWS (Ubuntu+Solaris EC2 instances using RDS+S3)
- Developed features for other company products such as Charter Watch (MeteorJS, MongoDB, Node.js) and Aquila (PHP, PostgreSQL, Yii)

+More experiences available upon request

Education

SFU 2012
- Accepted into the BSc Computer Science program

BCIT 2008-2011
- Diploma of Technology: Computer System Technology, Database Option
- Associates Certificate: Applied Software Development
- Associates Certificate: Applied Computer Information Systems
- Graduated "With Distinction" (GPA 80%+) for each of the above

Activity & Awards

TypeRacer (https://data.typeracer.com/pit/profile?user=superkhau) 2025
- Top 1% of fastest typers in the world
- Best 159 WPM, Average 100 WPM

IBM Rockit Award for Distinguished Mentor 2018
- 1 of 2 chosen in the 11th round (2 people chosen per month over 15 months from 50+ teams/2000+ people in total)

Mentor at NodeSchool (https://nodeschool.io/) 2015
- Coached 20+ attendees in through various coding exercises
- An attendee hired me to be his (https://mrrongxin.com/) personal tutor for a year