

PHUC (TONY) BACH

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Senior Software Engineer and tech lead with 10 years of experience in full-stack development building interactive consumer, data, and infrastructure products, and a track record of AI-native development with tools like Claude Code and Codex. Passionate about delivering delightful user experiences, performance, and web accessibility.

SKILLS

- Server-side languages: Java, Node.js, Python, Hack
- Web languages: JavaScript, TypeScript, HTML5, CSS3
- Web frameworks: React, Ember.js, Next.js, Express, Django, AngularJS
- Cross-platform frameworks: React Native, libGDX
- Databases: MongoDB, PostgreSQL, MySQL, Oracle
- APIs & AI tooling: GraphQL, Thrift, Claude Code, Codex, agentic workflows

WORK EXPERIENCE

Meta New York, NY
Senior Software Engineer 04/2025 – 09/2026

- Owned **Rack Specs UI** end to end, a greenfield full-stack production app (Thrift data model, GraphQL API, React/TypeScript frontend) that consolidated 2 fragmented legacy systems into the **single source of truth for rack specifications across Meta's data center fleet**; wrote the engineering plan and authored **295 code changes**, which now powers rack placement for **9 new data center regions** and **40+ hardware programs**
- Shipped **30 CLI commands** across 6 object types so the same workflows run **agentially or in bulk** without the UI, extending the platform well beyond its web surface
- Pioneered an **AI-native “One Prototype, Zero Handoff”** design-to-engineering workflow with Claude Code, compressing front-end delivery from **weeks to days** and overall project delivery from **months to weeks**; presented it at Meta's internal design and engineering conference (**OneUX Summit**), where it was endorsed by engineering leadership
- Led launch of new usage analytics pages in Meta's internal capacity-planning tool **ahead of schedule**, letting teams that manage infrastructure budgets find what's driving their resource usage; became a **top-3 fastest-growing page across Meta's infrastructure tools (+521% monthly active users month over month)**
- Drove all **7 top-priority roadmap goals** for capacity usage visibility to completion, coordinating **15+ engineers, designers, and partner teams**; wrote the design docs, project plans, and monthly stakeholder updates
- Integrated real-time usage APIs into **4 capacity-planning surfaces for 8 database and storage resource types**, replacing **day-old data with hourly and minute-level granularity**; hailed by stakeholders as a “force multiplier” and recognized with an **Awesome Contributions Award** from a partner team
- Optimized data access performance: added an index that cut scanned rows from **~10M to ~378K (96%)**, migrated to rollout tables to cut query latency from **4s to 1.5s (62.5%)**, and eliminated timeout, out-of-memory, and API quota errors (to **zero**); owned and resolved **4 production incidents**
- Built the features needed to retire a legacy capacity portal, **unblocking 11 of Meta's core data platforms** (databases, caches, storage systems) to migrate to the new one
- Raised the engineering bar as a top contributor: **#1 on the team in code changes in H2 2025, 500+ code changes** authored and **600+ code reviews** overall, plus code-quality refactors, E2E smoke tests, release checklists, and team-wide bug bashes
- Onboarded **9 engineers and cross-functional partners**, guided a teammate on a cross-team project through **154 code changes** and championed their **junior-to-mid-level promotion**, mentored an engineer outside the org through promotion prep, and onboarded our product designer to Claude Code to ship a prototype straight to production
- Rated **Exceeded Expectations (2025)** and **Excellent (H1 2026)**

LinkedIn (owned by Microsoft)
Senior Software Engineer

Mountain View, CA, New York, NY
11/2018 – 04/2025

- Led an 8-month long project to integrate with 2FA payment gateways Adyen and Billdesk by working with product, UX, and multiple engineering teams, allowing customers from Europe and India to make payments to LinkedIn on the new commerce platform, which contributed to **> \$100M/year** in revenue
- Built a variety of growth features on LinkedIn.com web and mobile web using TypeScript and Java, specifically on Notifications, Feed, Jobs, and Premium pillars. These features have increased total sessions by 0.1%, increased job alerts created by 130k/week, increased people follows by 8.6%, and increased hires by 0.35%
- Implemented a variety of features on LinkedIn's internal Customer Support Portal, helping to reduce case handling time for certain support cases by 80% for **~110k cases/year**. Another feature helped to save support reps 34 hours / case for ~7,900 cases / year, helping to **reduce ~269k hours** of support effort
- Led a cross-functional team of 4 engineers to resolve > 50 a11y (accessibility) bugs to ensure compliance with Microsoft Accessibility Standards; created a11y checklist in PR template which reduced a11y bugs found by 80%
- Mentored 3 other senior engineers on the team on best practices for coding and architecture; created onboarding and oncall wiki which reduced new engineers' onboarding time by 50%
- Hosted 4 Ember.js UI bootcamp sessions for LinkedIn new hires, introducing > 30 engineers to Ember.js development

Google
Software Engineer

Sunnyvale, CA
05/2018 – 11/2018

- Added ability for users to customize the theme (default theme vs. Google theme) of CDAP UI, using TypeScript, React 16 and CSS variables
- Set up end-to-end and snapshot testing infrastructure for CDAP UI, which previously didn't have any tests, using react-testing-library and Cypress

Cask Data (acquired by Google)
Software Engineer

Palo Alto, CA
01/2017 – 05/2018

- Developed features to allow Big Data app developers to create ETL/ELT data pipelines without writing code, by implementing the ability to drag and drop sources, transforms, and sinks onto a canvas, using AngularJS and jsPlumb
- Migrated major portions of the Web UI code from AngularJS to React and Redux

ixora health
Software Engineer

Menlo Park, CA
06/2016 – 11/2016

- Introduced Node.js back-end server that communicated with Lyft, Eventbrite, Google APIs to handle user requests
- Created Amazon Alexa, Web (Express + Angular), and SMS (Plivo) front-end interfaces

EDUCATION

MACALESTER COLLEGE
Bachelor's degree in Computer Science

St. Paul, Minnesota
2012 – 2016

Computer Science GPA: 3.98/4.00, overall GPA: 3.86/4.00

Graduated with "magna cum laude" honors, awarded to top 10% of graduating class