

Tom Barrasso

Technical Program Leader • Cross-Functional Delivery • Metrics-Driven Architect

10+ years launching zero-to-one products with experience coordinating researchers, engineers, designers, and product teams across privacy compliance, healthcare, and consumer applications.

✉ tom@barrasso.me

📞 (617) 894-7466

📍 Boston, MA

Work Experience

Head of Developer Relations

🌐 CloudMosa • 🗺 Remote

📅 Sept 2024 - Dec 2025

- Authored, designed, and developed the [Cloud Phone for Developers](#) website
- Published 5 open-source reference applications**, libraries, and accompanying tutorials
- Drove platform adoption via podcasts, video, guest articles, and developer talks in 4 countries
- Captured and analyzed developer signals to define product needs around platform usability
- Built and grew developer communities across Reddit, Discord, Bluesky, and X
- Prospected regional brands, resulting in **6 enterprise applications published** to the platform

Staff Technical Program Manager

♾ Meta • 🗺 Bellevue, WA

📅 Feb 2022 - Sept 2024

- Executed **company-wide data governance programs** ensuring compliance with international privacy regulations including GDPR, DMA, DSA, CCPA, and ePD
- Architected a scalable metrics framework with Privacy Data Science, **quantifying developer productivity and onboarding cost** using time-to-proficiency and time-in-motion analysis
- Led execution to integrate and scale [Privacy Aware Infrastructure \(PAI\)](#) across 150+ use cases in under 1 year, **mitigating €14B+ in regulatory risk**
- Automated annual compliance audits, reducing operational costs by 75% YoY

Technical Program Manager II

ⓐ Amazon • 🗺 Seattle, WA

📅 Apr 2020 - Jan 2022

- Unblocked [Amazon Pharmacy](#) launch by **orchestrating security certification** across 54 services, 25 teams, and 1 external vendor in a single quarter
- Reduced user-facing SEV1 volume by 60% leading critical data replication system improvements
- Drove development of [Supply Chain Standards](#) auditing tool for global compliance initiatives

Software Development Engineer II

ⓐ PillPack/ Amazon Pharmacy • 🗺 Boston, MA

📅 Dec 2018 - Apr 2020

- Architected sales tax calculation and reporting engine, processing 10M+ txn/month
- Refactored insurance claim adjudication service for high availability (five nines: 99.999%)

UX Engineer

Ⓜ MAARK • 🗺 Boston, MA

📅 Aug 2017 - Dec 2018

- Led front-end engineering team** launching redesigned [John Hancock Investments](#) website
- Developed interactive prototypes and component libraries for Marriott, Manulife, and Merck

Skills

Cross-Functional Program Management
Product Strategy & Roadmapping
Technical Documentation
Developer Relations & Advocacy
Cloud Architecture
Security & Privacy Compliance
Agile Development
Team Leadership & Mentorship
Change Management
Test-Driven Development
AI-Assisted Development

Technologies

TypeScript JavaScript
Node.js Java PHP
Ruby on Rails Python
RSpec Svelte React
SQL REST Vite
Git Playwright Babel
GraphQL AWS
Cloudflare Docker
CI/CD HTML CSS

Research Associate

🏢 Finch Therapeutics • 🗺 Boston, MA

📅 Jan 2017 - Aug 2017

- Standardized GC-MS methodology for short-chain fatty acid (SCFA) analysis, improving analytical consistency and throughput by shortening run times more than 80%

Research Assistant

🏢 UMass Biogeochemistry • 🗺 Amherst, MA

📅 Sept 2014 - May 2016

- Conducted undergraduate thesis research linking fecal biomarkers to paleoclimate patterns and human habitation, presented at 2015 GSA Conference

Software Engineer

🏢 PlanGrid • 🗺 San Francisco, CA

📅 July 2012 - July 2013

- Independently developed the first version of the blueprint reader PlanGrid for Android tablets

CSAIL Teaching Fellow

🎓 Harvard University • 🗺 Cambridge, MA

📅 Sept 2011 - June 2012

- Lectured & graded for CS50 & CS75: Introduction to Computer Science and Web Development

Software Intern

in inTouch Corp • 🗺 Cambridge, MA

📅 May 2010 - Aug 2011

- Developed the TextMyFood prototype, a service for restaurants to receive orders via SMS

Education

University of Massachusetts Amherst

🎓 Chemistry, BS • 🗺 Amherst, MA

Projects

Founder, PodLP

📅 2020 - Present

Built and monetized PodLP, a podcast app for flip phones surpassing **10M+ installs** across **175+ countries** generating **\$100K+ lifetime revenue**

Android Developer

📅 2010 - 2015

Developed and published 12+ Android applications including StatusBar+, ChargeBar, and Noyze, totaling **2M+ installs** resulting in **2 successful acquisitions**

Interests

Privacy by design
Digital accessibility (a11y)
Sustainable computation
Responsible innovation
Attention resilience

Links

 GitHub
 LinkedIn
 Portfolio