

Noah Lemen

Software Engineer · Web Infrastructure & Developer Tools

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Airbnb

Senior Software Engineer

Sept 2025 - Present

Web Platform (2025 - Present)

- Owned build performance for Airbnb's Metro web bundler: added instrumentation and dashboards where none existed, then cut cold production builds ~28% with a tree-shaking cache that also ended a class of CI OOMs
- Landed two major Metro upgrades behind byte-identical output gates (base-vs-head diffs, attribution harness)
- Cut peak build memory ~46% at ~4% wall-time cost by diagnosing worker heap slack under a legacy V8 cap
- Building coverage tooling, CI gates, and dashboards for a routing migration; log-derived launch and deletion gates have retired legacy routes with zero user regressions
- Resolved routing mismatches by tracing metrics, logs, and Java routing code; rate to 0 in the busiest service
- Consolidated route configs with lossless round-trip validation, cutting size 88%

Meta

Front End Engineer

Jul 2018 - Jan 2025

W3C Advisory

Committee

Representative

2020 - 2022

React Core (2023 - 2025)

- Coordinated company-wide effort to deprecate legacy React APIs via codemods, instrumentation, and documentation; migrated 6.5k+ callsites directly
- Integrated scheduler.yield into React's postTask scheduler, ran the experiments that retired isInputPending, and investigated Activity compatibility ahead of its stable release

Web Platform (2022 - 2023)

- Open-sourced flow-api-translator for safe TypeScript interop with Flow code; adopted in StyleX, Metro, and React Native
- Removed unload handlers from Facebook's pixel, resolving the largest source of back/forward cache ineligibility
- Rolled out content-visibility with Chrome and internal teams, yielding a 24% improvement in a key Facebook interaction

Browser Engineering (2020 - 2022)

- Proposed and implemented the Service Worker Subresource Filter in Chromium, running its origin trial on facebook.com

Web Speed (2018 - 2020)

- Built Graph Explorer, a JavaScript dependency analysis tool tracking code size regressions; used across Meta

Refinery29

Software Engineer →

Senior Software Engineer

Oct 2016 - Jul 2018

Built the creator team's CMS: multiplayer WYSIWYG editing and messaging

MetaCommunications

JavaScript Engineer

Feb 2016 - Sept 2016

Built features and workflows in Workgroups DaVinci

TapFury

Development Intern →

Full Stack Developer

Jun 2014 - Jan 2016

Developed PrankDial, a prank-call app

Recurse Center

2025

Self-directed programming retreat

New York University

Sept 2011 - Dec 2014

B.M., Music Technology; minor, Computer Science

- Guided specialization in game development