

Senior Frontend Engineer with 2.5+ years at HubSpot leading cross-team platform initiatives for a \$600M+ ARR global product serving 70k+ weekly active companies. Track record of owning ambiguous, multi-month projects as DRI from discovery through production, driving decisions that enable 10+ teams to ship independently, and establishing scalable patterns adopted org-wide. Recognized internally for technical execution.

SKILLS

Languages: TypeScript, JavaScript, Python, C++, C, GLSL, Java, SQL, OCaml, Kotlin
Frameworks/Tools: React, Zustand, Node, Jest, Jasmine, RTL, Selenium, Sentry, Grafana, AWS (S3, SageMaker)
Design: Figma, Illustrator, InDesign, Photoshop, After Effects, Blender

EMPLOYMENT EXPERIENCE

Hubspot, Senior Software Engineer - Lists/Segments Team	March 2025 - Present
• Led frontend architecture for Web Visitor Segments, a new event-driven data object model supporting anonymous users; researched and proposed strategy, designed dedicated routing, filter pipelines, evaluation paths, and state management patterns; co-authored API contracts with the backend evaluation team; shipped across 4,000+ portals with 400+ MAUs • Drove an AI-powered customer market profiling feature as frontend lead, coordinating across 5+ teams to build a unified system for discovering and operationalizing ideal customer profiles within the segmentation platform; implemented a new purpose-built entity type with distinct entry model, filtering, membership lookup, and downstream contact extraction • Shipped inline property editing and enabled editing on previously immutable segments, designing a frontend permissions layer with object-level access control integrated with backend permissions APIs; introduced explicit reprocessing flows, confirmation modals, and activity logging—a top customer-requested feature • Migrated 300+ legacy files to reduce loading times by 19%, balancing parallel feature work and ensuring visual/functional parity. Authored design documents, introduced visual regression testing that reduced UI regression risk during and post-migration	
Software Engineer - Lists Team	August 2023 - March 2025
• Proposed and led FAS (Framework App Settings) migration as DRI and FE architecture lead, replacing hardcoded object integrations with configuration-driven architecture; drove alignment across personal, adjacent, and platform teams; enabled 10+ teams to independently add 10+ object types, reducing cross-team delivery time from weeks to days • Owned Activity Logs as DRI, architecting a scalable frontend for history versioning: Zustand-based state management, React Query caching for performant pagination, and Amplitude/FullStory instrumentation for behavior analysis; coordinated across BE and Design to resolve data inconsistencies; delivered V1 on schedule and mentored junior engineer through V2 • Built AI-assisted segment generation end-to-end: natural language-to-filter pipeline via REST, permission gating, cross-team component integration, and Amplitude instrumentation; architected for multi-object extensibility (Contacts → Companies, Deals, Tickets, Orders, Line Items, Custom Objects); complete with Storybook documentation • Reduced page load times by 12% and Selenium acceptance test runtimes by 50%+ through targeted optimizations	

SELECTED PROJECTS

Sorted (JavaScript, Python), ML-based Email Organizing Chrome Extension	2023
• Chrome Extension that interfaced directly with Gmail to label and sort inbox emails according to a user’s habits • Aggregated 10k+ emails through DynamoDB, sent to AWS S3 to train SageMaker model with 94.5% accuracy	
Whether (ReactJS, SQL), Weather + Location Based Playlist Generator	2023
• Web app employing 4GB MySQL relational database combining Spotify and NCEI weather datasets to identify patterns	
Minecraft (C++, GLSL), Minecraft Copycat	2022
• Procedural, multithreaded world generation; player physics; ray tracing block interaction; custom shaders and textures	
PennOS (C), A User-level UNIX-like Operating System	2021
• Basic priority scheduler and FAT file system with user shell interactions using low level context switching	

EDUCATION

University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA	May 2023
• Bachelor of Science in Engineering in Computer Science, Ben Franklin Scholars Program • Cumulative GPA: 3.71/4.00 Minors: Math; Design (College of Arts and Sciences)	