

Ian Hammerstrom

Senior Forward Deployed Engineer

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Seattle, WA, USA

Updated resume: <https://ihammerstrom.github.io/resume/>

Overview	Senior/Lead Forward Deployed Engineer who enjoys sales and working directly with customers to create solutions, looking to move into Sales Engineering / Technical Sales . Currently embedded with clients to figure out what they need, present approaches, and build it with them. Very full stack, from low-level networking daemons to cloud web apps and LLMs.	
Skills	- Working directly with clients & presenting - Explaining technical work to non-engineers - Solution design & architecture review - Project management - Requirements scoping & prototyping 0 to 1 launches, and working in large preexisting products - Debugging in offline client environments - Direct-to-customer sales & fulfillment - Mentoring engineers & hiring	Python, TypeScript/JavaScript/React, Java/Kotlin, C/C++, Bash, Go - Web & mobile: React Native, Django, Flask, Node - Databases: PostgreSQL, MongoDB, Neo4j - Docker, Kubernetes, AWS, Cloudflare, microservices - Linux OS development & automation - Backend APIs & integrations (REST, GraphQL) - Networking: TCP/UDP, QUIC, DNS, TLS, HTTP(S) - Security, threat modeling, authn/authz - Integrating LLMs, ML and applied data science
Education	B.S. Computer Science (Data Science focus), Western Washington University - June 2016 ReactJS Quantum Degree, Next Academy - July 2019	
Company	Roles	
Orbis Operations 3/2025 - Present (Remote)	<u>Lead Engineer / Senior Forward Deployed Engineer (9/2025 - Present)</u> <u>Senior Forward Deployed Engineer (3/2025 - 9/2025)</u> - Networking & security engineering in data intelligence. TypeScript, Cloudflare, JWTs, video streaming, raw socket programming, distributed auth, GraphQL. - Sensitive, mission-critical projects directly interfacing with and presenting to clients. Scoping requirements with them, prototyping approaches, and seeing the work through. Project management and engineering strategy. - Debugging in client environments, sometimes without internet access, while conforming to their security standards.	
2 Startups / Other Projects 6/2022 - 3/2025 (Remote)	<u>Founder / Software Engineer – LocalPosters</u> - App converting event posters into calendar events via LLMs. Built with Python Django, React Native, PostgreSQL. Hired and managed a full-time engineer, launched iOS & Android. https://localposters.org <u>Founder / Software Engineer – EasySignal</u> - Financial recommendation subscription service (Node.js, React.js, MongoDB). Shut down due to low margins. Other: Learned C1 level of Spanish, DIY'd duplex into triplex, designed/built a backyard cabin.	
Amazon 10/2020 - 6/2022 (Remote)	<u>Software Engineer II</u> - Designed per-item Prime Badge data flow from Amazon.com to Buy With Prime checkout, used by merchants on their own sites (Java/Kotlin, AWS ECS). buywithprime.amazon.com - Built customer address integration used by millions of Prime members (GDPR/CCPA compliant). - Built React front-end metrics for checkout dashboards. Led Threat Model Assessments for other core teams.	
Microsoft 3/2020 - 10/2020 (Remote)	<u>Software Engineer</u> Implemented multi-stage approvals for RBAC in Azure Privileged Identity Management (C#.NET). https://learn.microsoft.com/en-us/entra/id-governance/create-access-review#create-a-multi-stage-access-review	
Tableau Software 9/2019 - 3/2020	<u>Software Engineer Contractor</u> - Built web app (Python Django + React) for running tests in Docker on AWS. - Built test-finding service using Neo4j dependency graphs for GitLab PRs. Reduced developers' test time from 2+ hrs to ~30s.	
jcat.bike 3/2019 - 4/2022	<u>Founder / Software Engineer</u> - Founded a folding bicycle company while traveling overland from Scotland to Singapore (https://jcat.bike). Manufactured in Tianjin, China. - Built Python Flask/React web app with Stripe. Direct-to-customer sales, online and in person in Seattle, plus advertising and fulfillment.	
F5 Networks 6/2016 - 6/2018	<u>Software Engineer II (9/2017 - 6/2018)</u> - Networking microservices in Golang on Docker/Kubernetes/AWS. Duplicate address detection daemon in Python. Security Ninja: reviewed other teams' threat models. <u>Software Engineer I (9/2016 - 9/2017)</u> Python daemon syncing config data to L3 routing daemons. C codebase bug fixes on custom Linux OS. <u>Software Engineer Intern (6/2016 - 9/2016)</u> - Built a transcompiler in Python to convert legacy routing configurations to modern format.	