

# Ian Hammerstrom

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More details at <https://www.linkedin.com/in/ihammerstrom/>

Seattle, WA, USA

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

Overview	Very full stack Software Engineer, with experience ranging from writing low-level L3 and L2 networking daemons in <b>Python</b> on <b>Linux</b> , to containerized <b>Golang</b> microservices on Kubernetes, backend development in <b>Kotlin/Java</b> , to full stack web apps using <b>React/React Native</b> , <b>Flask</b> , <b>Django</b> , <b>MongoDB/PostgreSQL</b> , <b>Docker</b> , <b>AWS</b> , and <b>TypeScript</b> with <b>Cloudflare</b> infrastructure. Including networking, security, and authn/authz. Experience integrating LLMs, building and launching products 0 to 1, and implementing features within large established products. Including mentorship and project management.	
Technical knowledge	<ul style="list-style-type: none"><li>• <b>Python, TypeScript/JavaScript/React, Java/Kotlin, C/C++, Bash, Go</b></li><li>• Linux OS development &amp; automation</li><li>• Computer security / Threat Modeling</li><li>• Docker containers</li><li>• AWS &amp; Cloudflare infrastructure</li></ul>	<ul style="list-style-type: none"><li>• Computer Networking</li><li>• Algorithms &amp; data structures</li><li>• ML and applied data science</li><li>• Project management</li><li>• Circuit design &amp; microcontrollers</li><li>• Git, Slack, Teams, Jira, Confluence</li></ul>
Education	<b>B.S. Computer Science (Data Science focus), Western Washington University</b> - June 2016 ReactJS Quantum Degree, Next Academy - July 2019	
Company	Roles	
<b>Orbis Operations</b> 3/2025 - Present (Remote)	<u><b>Lead Engineer (9/2025 - Present)</b></u> <u><b>Senior Software Engineer (3/2025 - 9/2025)</b></u> <ul style="list-style-type: none"><li>• Networking &amp; security engineering in data intelligence. <b>TypeScript</b>, <b>Cloudflare</b>, <b>JWTs</b>, video streaming, raw socket programming, distributed auth, <b>GraphQL</b>.</li><li>• Sensitive, mission-critical projects directly interfacing with and presenting to clients. Project management and engineering strategy.</li></ul>	
<b>2 Startups / Other Projects</b> 6/2022 - 3/2025 (Remote)	<u><b>Founder / Software Engineer – LocalPosters</b></u> <ul style="list-style-type: none"><li>• App converting event posters into calendar events via LLMs. Built with <b>Python Django</b>, <b>React Native</b>, <b>PostgreSQL</b>. Hired a full-time engineer, launched iOS &amp; Android. <a href="https://localposters.org">https://localposters.org</a></li></ul> <u><b>Founder / Software Engineer – EasySignal</b></u> <ul style="list-style-type: none"><li>• Financial recommendation subscription service (<b>Node.js</b>, <b>React.js</b>, <b>MongoDB</b>). Shut down due to low margins.</li></ul> Other: Learned C1 level of Spanish, DIY'd duplex into triplex, designed/built a backyard cabin.	
<b>Amazon</b> 10/2020 - 6/2022 (Remote)	<u><b>Software Engineer II</b></u> <ul style="list-style-type: none"><li>• Designed per-item Prime Badge data flow from Amazon.com to Buy With Prime checkout (<b>Java/Kotlin</b>, <b>AWS ECS</b>). <a href="https://buywithprime.amazon.com">buywithprime.amazon.com</a></li><li>• Built customer address integration used by millions of Prime members (GDPR/CCPA compliant).</li><li>• Built <b>React</b> front-end metrics for checkout dashboards. Led Threat Model Assessments for core teams.</li></ul>	
<b>Microsoft</b> 3/2020 - 10/2020 (Remote)	<u><b>Software Engineer</b></u> <ul style="list-style-type: none"><li>• Implemented multi-stage approvals for RBAC in Azure Privileged Identity Management (<b>C#/NET</b>). <a href="https://learn.microsoft.com/en-us/entra/id-governance/create-access-review#create-a-multi-stage-access-review">https://learn.microsoft.com/en-us/entra/id-governance/create-access-review#create-a-multi-stage-access-review</a></li></ul>	
<b>Tableau Software</b> 9/2019 - 3/2020	<u><b>Software Engineer Contractor</b></u> <ul style="list-style-type: none"><li>• Built web app (<b>Python Django</b> + <b>React</b>) for running tests in <b>Docker on AWS</b>.</li><li>• Built test-finding service using <b>Neo4j</b> dependency graphs for GitLab MRs. Reduced test time from 2+ hrs to ~30s.</li></ul>	
<b>jcat.bike</b> 3/2019 - 4/2022	<u><b>Founder / Software Engineer</b></u> <ul style="list-style-type: none"><li>• Founded a folding bicycle company while traveling overland from Scotland to Singapore (<a href="https://jcat.bike">https://jcat.bike</a>). Manufactured in Tianjin, China.</li><li>• Built <b>Python Flask/React</b> web app with Stripe. Managed sales &amp; fulfillment in Seattle.</li></ul>	
<b>F5 Networks</b> 6/2016 - 6/2018	<u><b>Software Engineer II (9/2017 - 6/2018)</b></u> <ul style="list-style-type: none"><li>• Networking microservices in <b>Golang</b> on <b>Docker/Kubernetes/AWS</b>. Duplicate address detection daemon in <b>Python</b>. Security Ninja: threat model reviews.</li></ul> <u><b>Software Engineer I (9/2016 - 9/2017)</b></u> <ul style="list-style-type: none"><li>• <b>Python</b> daemon syncing config data to L3 routing daemons. <b>C</b> codebase bug fixes on custom Linux OS.</li></ul> <u><b>Software Engineer Intern (6/2016 - 9/2016)</b></u> <ul style="list-style-type: none"><li>• Built a transcompiler in <b>Python</b> to convert legacy routing configurations to modern format.</li></ul>	