Ian Hammerstrom

ihammerstrom@icloud.com
+1(206)658-3172
More details at https://www.linkedin.com/in/ihammerstrom/
Seattle, WA, USA
Updated resume: https://ihammerstrom.github.io/resume/

Overview	Full stack Software Engineer: low-level networking daemons in **Python** on **Linux**, containerized **Golang** microservices on Kubernetes, backend **Kotlin/Java**, full stack web apps with **React**/React Native, Flask, Django, MongoDB/PostgreSQL, **Docker**, **AWS**. LLM integration experience. 0-to-1 product launches and features in large-scale products. Mentorship and project management.
Technical knowledge	• **Python, TypeScript/JavaScript/React, Java/Kotlin, C/C++, Bash, Go, C#** • Linux OS development & automation • Computer security / Threat Modeling • Docker containers & AWS • Computer Networking • Algorithms & data structures • ML and applied data science • Project management • Circuit design & microcontrollers • Git, Slack, Teams, Jira, Confluence
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)	**Lead Engineer (9/2025 - Present)** **Senior Software Engineer (3/2025 - 9/2025)** • 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. Project management and engineering strategy.
2 Startups / Other Projects 6/2022 - 3/2025 (Remote)	**Founder / Software Engineer – LocalPosters** • App converting event posters into calendar events via LLMs. Built with **Python Django, React Native, PostgreSQL**. Hired a full-time engineer, launched iOS & Android. https://localposters.org **Founder / Software Engineer – EasySignal** • Financial recommendation subscription service (**Node.js, React.js, MongoDB**). Shut down due to low margins. Other: Learned C1 Spanish, DIY'd duplex into triplex, designed/built a backyard cabin.
Amazon 10/2020 - 6/2022 (Remote)	**Software Engineer II** • Designed per-item Prime Badge data flow from Amazon.com to Buy With Prime checkout (**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 core teams.
Microsoft 3/2020 - 10/2020 (Remote)	**Software Engineer** • 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	**Software Engineer Contractor** • Built web app (**Python Django** + **React**) for running tests in **Docker on AWS**. • Built test-finding service using **Neo4j** dependency graphs for GitLab MRs. Reduced test time from 2+ hrs to ~30s.
jcat.bike 3/2019 - 4/2022	**Founder / Software Engineer** • Founded folding bicycle company (https://jcat.bike). Manufactured in Tianjin, China. • Built **Python Flask/React** web app with Stripe. Managed sales & fulfillment in Seattle.
F5 Networks 6/2016 - 6/2018	**Software Engineer II (9/2017 - 6/2018)** • Networking microservices in **Golang** on **Docker/Kubernetes/AWS**. Duplicate address detection daemon in **Python**. Security Ninja: threat model reviews. **Software Engineer I (9/2016 - 9/2017)** • **Python** daemon syncing config data to L3 routing daemons. **C** codebase bug fixes on custom Linux OS. **Software Engineer Intern (6/2016 - 9/2016)** • Built a transcompiler in **Python** to convert legacy routing configurations to modern format.