Ian Hammerstrom

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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 **Python** on **Linux**, to containerized **Golang** microservices on Kubernetes, backend development in **Kotlin/Java**, to full stack web apps using **React**/React Native, Flask, Django, MongoDB/PostgreSQL, **Docker**, **AWS**, and **TypeScript** with **Cloudflare** 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	**Python, TypeScript/JavaScript/React, Java/Kotlin, C/C++, Bash, Go, C#** - Linux OS development & automation - Computer security / Threat Modeling - Docker containers - AWS & Cloudflare infrastructure - 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 level of 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 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. 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.