Jerry Hamlet

Independent Fullstack Engineer

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SUMMARY

I turn product ideas into shipped solutions. At Netflix I delivered custom TVUI and i18n standards for 100M+ users, a build system that saved millions in developer hours, and grew the team from four to forty. At Meta I crafted data visualization UX for thousands of internal customers and AR/VR scientists in varying fields.

*I operate the patterns across design and engineering. My **discipline and judgment** is the greatest asset.* With AI augmenting my speed, expanding my reach, and amplifying my impact, **there is no problem beyond a solution.**

CORE CAPABILITIES

Developer Experience — API, SDK, module, and library design for developer audiences at scale. CLI tooling, build and release systems, and the productivity multipliers that support them.

Systems Thinking — Untangling complexity into simplicity. Connecting the parts and reducing bottlenecks.

Ownership & Leadership — Knowing what to build. Setting the standards. Delivering results.

AI Augmentation — AI tooling directed with judgment and experience. Idea to delivery. Models and requirements into reliable systems and shipped software.

EXPERIENCE

Independent Fullstack Engineer — HamletInk

2024 - PRESENT

- Interface architecture, developer tooling, and the decisions between, for small product teams: **design and build in one pair of hands**
- **Spec-driven development** turns intent into **robust architecture** and code
- Open source library author of **svg-react-loader** (559 stars, ~500K/month)

Senior UI Engineer, Infra — Meta

JAN 2021 - MAR 2022

- UI tooling serving engineers across Meta's infrastructure organization
- Mentored team of 6-7 engineers; 2+ advanced to senior roles

Senior UI Engineer, AR/VR Core Tech — Meta

AUG 2018 - DEC 2020

- Developed web-based tools, serving **hundreds of scientists and engineers**
- Robust solution addressing **80% of varied user needs** across teams
- Complex data visualization using SVG and WebGL

UI Architect — LogicHub

AUG 2017 - MAY 2018

- Security automation platform using graph-based tools for expert workflows
- Desktop-class features: drag-and-drop, keyboard shortcuts, undo/redo
- Team mentorship in architecture, functional programming, and RxJS

Principal UI Engineer — Airtime Media

AUG 2016 - JUN 2017

- UI experience engineering for web and desktop

Senior UI Engineer, TVUI — Netflix

MAY 2010 - FEB 2016

- Joined as founding engineer on 4-person team building Netflix's TV UI platform; scaled to **40+ engineers** serving **100M+ users** across **212 countries** on TVs, consoles, and set-top boxes
- Crafted the TVUI build system: **40 seconds to near-zero** rebuilds — saved millions in developer hours
- Infrastructure maintained **5+ years** through exponential growth in device coverage
- De facto Search UI using functional reactive programming and GraphQL-like data structures across **15+ languages**
- i18n standards enabling regional expansion without UI rework

EARLIER EXPERIENCE 1997 - 2010

Gaia Interactive (2009-2010): On the Growth Team: wooed new members with engaging experiences; streamlined legacy code with standards-compliant, cross-browser HTML, lean JavaScript, and CSS.

Tiny Prints (2009): Evangelized JavaScript and Web UI engineering best practices to optimize a growing, online, personalized greeting-card experience.

Yahoo (2007-2009): Search experiences across **40 international markets** and languages. **10% bandwidth savings** through optimization. Deployment automation eliminating configuration errors.

BIG Design (2004-2007): Design and development. **200% company growth**. SanDisk Sansa MP3 player line: **6 products**, **5 regions**, **30+ languages**.

Halleck (2000-2001): **$750K contract** for Agilent portal. **300% search improvement**. **1000% e-commerce revenue increase**.

Freelance & Agency (1997-2004): Web development, graphic design, Flash animation, print production.

EXPERTISE

AI: Claude Code, Intent- and Spec-Driven Development, Custom Skills, Agentic Workflow Patterns, Prompt Engineering

Engineering: Systems Architecture, Design Systems, API & Library Design, Developer Experience, CLI Tooling, Build & Release Systems, Full-Stack Engineering, Open Source Library Authorship, Paradigm Fluency: Object Oriented, Design Pattern, Functional, and Functional-Reactive Programming

Technical: JavaScript, TypeScript, HTML, CSS, React, Redux, GraphQL, Node.js, WebGL, SVG, Webpack, RxJS, Ramda, MySQL, SQLite

Foundations: UI/UX, Information Architecture, Visual Design, Branding, Marketing, Illustration, Pattern Recognition

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