

Wilson Hailey

Forward-Deployed Engineer

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Summary

Forward-deployed engineer who ships agentic AI systems end to end, on self-hosted infrastructure. Delivered paid client work building multi-agent pipelines (IX Biomedical, Orion) and run a Proxmox homelab with a GPU node powering a fleet of services. I verify output before I trust it, and I sit next to the customer problem until it is genuinely solved.

Experience

Forward-Deployed Engineer — IX Biomedical

2026

Built an agentic document-intelligence pipeline: a coordinator plus specialist agents that classify, extract, and validate clinical and research documents, with a human-in-the-loop gateway for low-confidence cases. Delivered as a self-hosted service keeping sensitive material in-house.

Forward-Deployed Engineer — Orion

2026

Delivered an AI product end to end — from prototype to a self-hosted production system. Owned integration with real data sources and APIs, orchestration, error handling, and deployment, turning a working demo into something a client runs daily.

Selected Projects

Homelab platform — Proxmox + GPU node; a fleet of self-hosted services in LXC containers, exposed only via Cloudflare Tunnels.

Multi-model chat — self-hosted chat routing across local and cloud LLMs, logging quality/latency/cost per route.

Speedboat configurator — interactive 3D product configurator (Three.js), self-hosted and embeddable.

Skills

Python · TypeScript · Agent orchestration · LLMs (cloud + local) · FastAPI · Docker · Proxmox · Linux/systemd · Cloudflare Tunnel · Three.js · PostgreSQL/SQLite · React