Bohdan Kopcha

Forward Deployed AI Engineer · Full-stack product delivery ·
· Agentic AI & MCP

bohdankopcha.dev GitHub LinkedIn
Katowice, Poland (CEST)

CCAF · CLAUDE CERTIFIED ARCHITECT

PROFILE

Building web products end to end, from product spec to production.

- 7+ years on hedge-fund, Web3, AI video-surveillance & aerospace platforms
- Full-stack: feature spec, UI & API design, backend, frontend, release
- Recent focus: agentic AI features, MCP integrations, AI-assisted delivery

CORE STACK

AGENTIC AI

MCP · Claude Agent SDK · RAG · Tool calling · Agent orchestration · Embeddings · Evals · Claude Code · Cursor

FRONTEND

React · TypeScript · Next.js · Redux Toolkit · Redux-Saga · RTK Query · State management · Vite

BACKEND / API

Node.js · Python · FastAPI · REST · GraphQL · OpenAPI · WebSockets · PostgreSQL

INFRA

Docker · Kubernetes · AWS · CI/CD · Jenkins · NGINX

TESTING

Playwright · Jest · React Testing Library · Web Vitals

CERTIFICATION

Claude Certified Architect — Foundations

Anthropic · issued 05/2026

LANGUAGES

English — Fluent
Ukrainian — Native
Russian — Native
Polish — Intermediate

EXPERIENCE

Forward Deployed AI Engineer

SEP 2024 — PRESENT

HEDGINEER CONTRACT · REMOTE · NEW YORK

Multi-tenant hedge-fund platform for portfolio data, investment workflows & operations.

- Shaped feature specs with the team, designed the UI & API, built the API and React/TypeScript frontend, and shipped features end to end for data-heavy portfolio workflows.
- Led a four-person frontend team, planning delivery and coordinating with product & API teams.
- Reduced client-feedback turnaround by ~70% with an AI-assisted scoping, implementation & review workflow.
- Helped build a custom MCP integration for querying client data through Claude and exploring results in interactive widgets.

Full-Stack Product Engineer

JAN 2023 — AUG 2024

ARGU FULL-TIME · REMOTE

Enterprise AI video-surveillance platform: live camera streaming, AI detection, on-prem delivery.

- Designed new features and built the frontend from scratch: dashboard, real-time data, live camera streams; delivered whole modules end to end, incl. backend.
- Cut camera-streaming latency by ~30% through backend & frontend optimization.
- Owned every platform release from the first one, across frontend, Python/FastAPI backend & infra (multi-arch Docker, Jenkins CI/CD on Kubernetes).

Full-Stack Product Engineer

MAY 2021 — DEC 2022

MAESTRO FULL-TIME · REMOTE · NEW YORK

Bitcoin/UTXO developer infrastructure & institutional finance products.

- Owned the webhooks & event-subscriptions dashboard end to end — API contracts, UI, Redux-Saga data layer on a Python REST backend — shipped in one week.
- Integrated Auth0 & Stripe subscription billing: sign-up, onboarding, plan management, usage views.
- Shipped frontend across six products (Go Maestro, Institutional, dApp Platform, Explorer, Mezzamine, Treasury) and a shared UI kit.
- Improved initial loading & rendering of legacy NFT dashboards by 35%.

EARLIER EXPERIENCE

Software Engineer
MAY 2020 — APR 2021

SIM.SPACE FULL-TIME · REMOTE

Real-time aerospace simulation & mission-operations platform.

- Built 10+ operational screens: mission dashboard, map, catalogue, data browser.
- Delivered mission lifecycle controls and a real-time aircraft-control screen with live telemetry.
- Owned frontend role-based access for engineer & operator workflows.

Software Engineer
AUG 2019 — MAR 2020

NOVUS TEAM / AMULET FULL-TIME · REMOTE

On-chain asset management connecting investors & fund managers via smart-contract vaults.

- Built investor vault discovery, detail & portfolio dashboards; contributed to manager setup, analytics & compliance flows.
- Created reusable React components & layouts for landing pages, dashboards and manager tools.

How I use AI in product engineering

Five practices for how coding agents, MCP integrations and AI tooling fit into my delivery — architecture, review and release decisions stay with me.

01 **Project context** [CONTEXT]

I maintain project-specific knowledge bases with product decisions, technical notes and delivery history, so coding agents work with the same context as the team.

02 **Feedback loops** [PROCESS]

I turn client feedback into scoped tasks, use coding agents to help implement and test changes, and review the result before it moves toward release.

03 **Client-specific AI solutions** [SOLUTIONS]

I design AI solutions around client needs, using custom MCP integrations, purpose-built agents and agentic workflows when they fit the problem.

04 **UI exploration** [EXPLORATION]

I use tools such as Claude Design, Stitch and v0 to test interface directions quickly, then build and refine the chosen approach in the product codebase.

05 **Team workflows** [TEAM]

I set up coding-agent instructions, project context, development checks and review points so AI-assisted work stays understandable and maintainable for other engineers.

“AI accelerates the work. Ownership, review, and judgment stay mine.”

— B. KOPCHA