

React · TypeScript · Next.js · Node.js

Espoo, Finland (Helsinki area) · +358 40 255 8483 · +1 (602) 535-6839 · craigocurtis@gmail.com

craig-o-curtis.github.io · github.com/craig-o-curtis · linkedin.com/in/craigocurtis · npx run-cv craig

Remote (Global) · U.S. Citizen · Finland Permanent Resident (EU) · Employer-of-Record ready

PROFESSIONAL SUMMARY

Senior software engineer with 10+ years delivering high-availability platforms where data integrity is mission-critical, from a Gartner top-4-rated network-infrastructure platform (DNS/DHCP/IPAM) to a multi-tenant global travel system. Expert in TypeScript, React, and Node.js with endpoint contributions in C#/.NET; specialist in data-heavy enterprise UIs, EN/CN localization, accessibility, and a rigorous testing culture. Currently building open source in public: 6 published npm packages designed for both humans and AI agents, with Python, FastAPI, and LLM-integration patterns in progress.

TOP SKILLS

Languages & Frameworks	Platform & Cloud	Engineering Practice
TypeScript · JavaScript	AWS serverless (Lambda · S3 · Cognito)	Vitest · Playwright · Cypress
React · Next.js · Node.js	PostgreSQL · Prisma · MySQL	Accessibility (WCAG 2.2 AAA · EAA)
C# / .NET (endpoint contributions)	Azure / hybrid-cloud integrations	i18n / localization (EN · CN)
Python · FastAPI (in progress)	CI/CD · GitHub Actions · Docker	AI-agent-ready API design (TanStack Intent)
SQL · GraphQL · REST	Nx · Turborepo monorepos	AI-assisted dev (Claude Code · Cursor)
Vue · Angular (prior production)	Design systems (Radix · shadcn · Chakra)	Code review · mentoring · standards

PROFESSIONAL EXPERIENCE

burglekitt · Independent Open-Source Engineering

Open-Source Engineer (independent)

Remote

Feb 2026 – Present

- Author and maintainer of 6 published npm packages under the @burglekitt scope, co-maintained with a former colleague, built with clear contracts and docs so other developers and AI agents can build on them.
- @burglekitt/gmt: a Temporal-first date/time library with strict ISO 8601 contracts and AI-agent intent handling (TanStack Intent), plus companion lint tooling (gmt-oxlint, gmt-eslint, gmt-biome) that bans legacy Date APIs.
- @burglekitt/worktree: a Git worktree CLI with an embedded “Chat with the Docs” AI assistant; run-cv: a terminal CV viewer built with Node.js, React, and Ink.
- Currently deepening Python and FastAPI, focused on LLM-integration and agent-orchestration patterns.

Corivo (acquired by Travel Connect)

Senior Software Engineer

Espoo, Finland (Remote)

May 2023 – May 2026

- Core engineer on a 4–8 person team owning 11 applications on a multi-tenant travel platform (React, Next.js, TypeScript), integrating fragmented legacy systems into one cross-brand codebase after acquisition, with endpoint contributions in C#/.NET.
- Engineered the EN/CN localization framework and cross-app theming system (Chakra UI, shadcn/ui) powering every app on the platform, enabling expansion into North Atlantic and Asian markets.
- Authored an internal Temporal-based date/time package that eliminated JavaScript timezone bugs, securing data integrity for global bookings.
- Shipped new customer-facing apps from concept to production in 4 months; enforced WCAG 2.2 AAA accessibility and 100% unit-test coverage (Vitest, Playwright).

Men&Mice (acquired by BlueCat)

Frontend Engineer, DDI Infrastructure

Helsinki, Finland

Jun 2021 – Apr 2023

- Architected the UI of Micetro, a Gartner top-4-rated DDI platform (DNS/DHCP/IPAM) used by Fortune 500 enterprises, universities, and governments to manage networks spanning millions of IP addresses.
- On a 4–6 person product team, designed the state-management strategy (TanStack Query) for data-heavy views rendering tens of thousands of DNS/DHCP records across Azure, AWS, hybrid, and on-prem.
- Unified fragmented legacy components into a WCAG-compliant enterprise design system; contributed endpoint adjustments in the .NET backend.
- Overhauled timezone and audit-log logic, preventing network desynchronization for global enterprise clients; implemented perpetual-to-subscription licensing flows.

Unicon, Inc. (software consultancy)

UX Developer (Frontend Engineer)

Phoenix, AZ (Remote)

May 2017 – May 2021

- Delivered 6 client platforms serving millions of learners for US public-sector and EdTech clients, on project teams of 2–12, building custom AWS serverless applications (Lambda, S3, Cognito, API Gateway).
- Shipped WCAG 2.0 AAA-compliant React and Vue SPAs integrated with Java Spring Boot ecosystems, maintaining 90%+ unit-test coverage.
- Built data visualization across client work: custom SVG charting for Scholastic, D3 for internal Unicon projects, and charting libraries for the California Community Colleges platform.
- Performed technical audits and due diligence on enterprise codebases, providing the deciding assessment on scalability versus refactor.

Centuri Group, Inc.

Application Developer (Enterprise Mobile & Web)

Phoenix, AZ

Feb 2016 – May 2017

- Built 8+ enterprise mobile and web apps on a 6–8 person team, digitizing field workflows for North America's largest utility-infrastructure contractor: hybrid mobile apps (Cordova), a modular one-stop dashboard, ES6/Flexbox modernization, and the AngularJS-to-Angular migration.

EARLIER EXPERIENCE

Co-Founder / Product Owner, Minted Sky Studios (2011–2021): product vision, UX/UI, testing, and content for DriversTest.info, a high-traffic civic learning tool, and VR-English · Technical Instructor, Shanghai Jiao Tong University (2012–2016): created the Intro to Web Development track and founded CoderDojoXL Shanghai · Mandarin Linguist, U.S. Department of Defense (2006–2009).

CERTIFICATIONS & CONTINUOUS LEARNING

University of Helsinki

Full Stack Open (Full Stack Web Development), 5 ECTS · Aug 2022

studies.cs.helsinki.fi/stats/api/certificate/fullstackopen/en/5200e69b30e632734db08ccd2ace8791

Elements of AI · Jul 2026

certificates.mooc.fi/validate/4z3t7rzojot

Introduction to Data Protection Law, 2 cr · in progress (2025–2026)

EDUCATION

University of Minnesota, Twin Cities · B.A. Asian Languages and Literatures (Chinese), Anthropology, East Asian Studies, and History · Summa Cum Laude, Phi Beta Kappa · GPA 3.92

Nankai University / Yunnan Normal University · Advanced Chinese Certification · DLPT5 3/3 (U.S. DoD)

LANGUAGES

English (Native) · Mandarin Chinese (Full Professional, DLPT 3/3) · Finnish (Intermediate, B1) · Swedish (Beginner)

VOLUNTEER & COMMUNITY

Founding Chair, Suomen Paluumuuttajayhdistys ry (Finland Remigrants Association), 2025–present: built and maintain the community's digital ecosystem; co-lead advocacy with Members of Parliament and national organizations · Founded CoderDojoXL Shanghai, a coding community for university students.

REFERENCES

Available upon request. Prior engineering leadership at Corivo / Travel Connect and Men&Mice.