

React · TypeScript · Node.js · Data-Heavy Enterprise UIs
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Remote (Global) · U.S. Citizen · Finland Permanent Resident (EU) · EOR-ready (Swapp Agency & Nerdsbay)

PROFESSIONAL SUMMARY

Senior software engineer with 10+ years delivering high-availability platforms where data integrity is mission-critical, from a Gartner top-4 network-infrastructure platform (DNS/DHCP/IPAM) to a multi-tenant global travel system. The stack has changed under me repeatedly, AngularJS to Angular, Vue, React, C#/.NET, now Python, and production delivery held through every shift. Expert in TypeScript, React, and Node.js with endpoint contributions in C#/.NET; specialist in data-heavy enterprise UIs, EN/CN localization, rigorous testing culture, and AI-native engineering, including 6 published npm packages built for both humans and AI agents.

TOP SKILLS

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

PROFESSIONAL EXPERIENCE

NorthGuild · Independent Open-Source Engineering

Open-Source Engineer (independent)

Remote

Feb 2026 – Present

- Author and maintainer of 6 published npm packages under the @northguild scope, co-maintained with a former Travel Connect colleague.
- @northguild/gmt: 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 in Temporal-first codebases.
- @northguild/worktree: 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

Reykjavik, Iceland (Remote from Finland)

May 2023 – May 2026

- Core engineer on a 4–8 person team owning several applications on a multi-tenant travel platform (React, Next.js, TypeScript), orchestrating the integration of fragmented legacy systems into one cross-brand codebase after acquisition.
- 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 100% data integrity for global bookings.
- Enforced WCAG 2.2 AAA accessibility and 100% unit-test coverage (Vitest, Playwright) across the platform.
- Shipped the flagship customer-facing app from concept to production in 4 months; integrated AI-assisted workflows (Claude Code, Cursor) to compress delivery cycles without sacrificing quality.

Men&Mice (acquired by BlueCat)

Frontend Engineer, DDI Infrastructure

Reykjavik, Iceland (Remote from Finland)

Jun 2021 – Apr 2023

- A core engineer on 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, adopted TanStack Query for the data-fetching and cache layer behind data-heavy views rendering tens of thousands of DNS/DHCP records across Azure, AWS, hybrid, and on-prem environments.
- Unified fragmented legacy components into a WCAG-compliant enterprise design system.
- Overhauled timezone and audit-log logic, preventing network desynchronization errors for global enterprise clients; implemented licensing flows for perpetual-to-subscription transitions.

Unicon, Inc.

Phoenix, AZ (Remote)

UX Developer (Frontend Engineer)

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.
- Performed technical audits and due diligence on enterprise codebases, providing the deciding assessment on scalability versus refactor.

Centuri Group, Inc.

Phoenix, AZ

Application Developer (Enterprise Mobile & Web)

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

Founder / Product Owner, Minted Sky Studios (2011–2021), built and monetized DriversTest.info, a high-traffic civic learning tool · Technical Instructor, Shanghai Jiao Tong University (2012–2016), created the Intro to Web Development track and founded CoderDojoXL · Mandarin Linguist, U.S. Department of Defense (2006–2009).

TRACK RECORD OF RAMPING UP

Mandarin to U.S. Department of Defense certified professional proficiency (DLPT5 3/3) as an adult learner · shipped production work in a new language or framework at nearly every company: AngularJS, Angular, Vue, React, C#/.NET, Node.js, now Python · six client platforms across six domains at Unicon · 8 Anthropic certifications (2026) · Full Stack Open (University of Helsinki) while employed · currently AWS Certified Developer Associate and Fastify.

CERTIFICATIONS & CONTINUOUS LEARNING

- Anthropic · Jul 2026 · AI Fluency: Framework & Foundations · Model Context Protocol · Agent Skills · Subagents · Claude Code 101 · Claude Code in Action · Claude Cowork · Claude 101
- University of Helsinki · Full Stack Open, 5 ECTS · Aug 2022 · Elements of AI · Jul 2026 · Introduction to Data Protection Law, 2 cr · in progress
- Microsoft · Jul 2026 · Career Essentials in Generative AI
- AWS · Aug 2026 · AWS Certified Developer Associate (DVA-C02) · in progress

EDUCATION

University of Minnesota, Twin Cities · B.A. Chinese, Anthropology, East Asian Studies & 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)

VOLUNTEER & LEADERSHIP

Chairman (Puheenjohtaja), Suomen Paluumuuttajayhdistys ry (Finnish Remigration Association), 2025–present: built and maintain the community's digital ecosystem; co-lead advocacy with Members of Parliament and national organizations.