

KYAN KOTSCHEVAR-SMEAD

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PROFESSIONAL SUMMARY

Computer Scientist with experience in full software development lifecycle including design validation for customers, verification testing, and system integration.

SKILLS

Full Stack Software Engineering, Systems Software Engineering, Full Software Development Lifecycle, Software Validation, Software Verification Testing, Teamwork, Problem Solving, Communication.

Languages and Tools: C, C#, TypeScript, Go, SQL, PostgreSQL, ASP.NET Core, Flutter, VueJS, React, GCP, AWS, Docker.

EXPERIENCE

SOFTWARE ENGINEER INTERN

May 2024 - Present

Intellitect - 1on1 Piano - <https://app.1on1piano.com> | Technologies: GO, PostgreSQL, Flutter,

Spokane, WA

- ◆ Built a real-time video chat app with WebRTC/UDP for low-latency streaming and MIDI playback.
- ◆ Automated unit, integration, and end-to-end tests across web, mobile, and backend for reliability at scale.
- ◆ Architected scalable Go (Echo) microservices with concurrency and REST APIs.
- ◆ Enhanced maintainability with RiverPod state management and dependency injection.
- ◆ Deployed GCP cloud-native infrastructure with CI/CD, improving scalability, security, and efficiency.

SENIOR CAPSTONE PROJECT

Aug 2025 - Present

Cloudflare – Cloesce | Technologies: Rust, Typescript

- ◆ Partnered with Cloudflare engineers to design an entity-first IaC framework for instant serverless deployments on Workers and D1.
- ◆ Built a Rust compiler backend to transform a TypeScript DSL into IR, generating Cloudflare Workers with proper bindings, validation, and instantiation.

CEO & FOUNDER

May 2025 - Present

DevSwipe LLC - DevSwipe - <https://devswipe.io> | Technologies: Flutter, Python, Typescript, Supabase, AWS

- ◆ Built a Gen Z-focused Flutter interview prep app with real-time coding, instant feedback, and TikTok-style video explanations.
- ◆ Integrated App Store & Google Play requirements, including OAuth (Google/Apple Sign-In) and in-app purchases.

SOFTWARE ENGINEER INTERN

May 2025 - Aug 2025

Intellitect - Avista Bill Rendering | Technologies: C#, ASP.NET Core, VueJS, AWS

Spokane, WA

- ◆ Built a serverless pipeline with AWS Lambda and SQS to split XML bills, render PDFs, and ensure reliable delivery.
- ◆ Developed a Render Portal web-app for real-time monitoring and bill proofing, enabling CSRs to review and approve/reject flagged bills.

EDUCATION AND EXTRACURRICULARS

B.S. VOILAND COLLEGE OF ENGINEERING, COMPUTER SCIENCE

Expected May 2026

Washington State University

Pullman, WA

Relevant coursework: Software Engineering, Operating Systems, Computer Architecture, Data Structures and Algorithms, Data and Automata Theory, Algorithm Design, Multivariable Calculus, Linear Algebra

FOUNDER AND PRESIDENT - ACTIVE NATIONAL COUNCILMAN

Mar 2023 - Present

Triangle Fraternity

- ◆ Founded WSU's first STEM-focused fraternity, growing to 40+ active members in the first year.
- ◆ Fostered a STEM community within Greek Life, emphasizing collaboration, academic support, and professional development.
- ◆ Led chapter to win "Chapter of the Year" and earned the Homi Kapadia and Purdue Men's Scholarships for leadership excellence.
- ◆ Currently serving on Triangle's National Council, shaping strategy, governance, and growth initiatives across the organization.