Christian Kang

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PROFESSIONAL SUMMARY

Full-stack software engineer with a strong backend focus, building scalable systems across AI, automation, and developer tools. Delivered production features at Tesla, Fortem, and multiple startups using Go, Python, and TypeScript. Experienced in debugging, real-time processing, and clean system design. Passionate about solving real-world problems with high-impact software.

EDUCATION

Utah Valley University, Orem, UT, B.S. in Computer Science, Minor in Japanese *(Dec 2024, Cum Laude)*

TECHNICAL SKILLS

- **Languages**: Go, Python, Rust, TypeScript, C++, JavaScript, SQL, Java, C#
- **Backend**: REST APIs, PostgreSQL, automation pipelines, real-time systems
- **Frontend**: React, Next.js, HTML/CSS, responsive UI
- **DevOps & Infra**: Docker, GitHub Actions, CI/CD, telemetry, production debugging
- **Practices**: System design, TDD, Agile workflows, QA automation, developer tooling

EXPERIENCE

Touchpoint – Freelance Software Engineer (Remote) (March 2025 – Present)

- Built full-stack tools, automation workflows, and AI chatbot backends using Go, TypeScript, and Python for startup clients.

Tesla – AI Engineer (Feb 2025 – Present)

- Supported QA and telemetry-based debugging for Autopilot and robotics systems.
- Validated embedded workflows and improved test reliability.

Fortem Technologies – Computer Vision Intern (Oct 2024 – Jan 2025)

- Created Python pipelines for drone detection models.
- Improved ingestion and inference with AWS and real-time tuning scripts.

FamilySearch – QA Software Engineering Intern (May 2024 – Sep 2024)

- Wrote a load tester in Rust/TypeScript using Swagger docs.
- Reduced backend test time from 30 to 3 minutes and improved CI integration.

Claravine - Escalation Engineer (Jan 2019 - May 2024)

- Resolved SaaS platform bugs with SQL and telemetry log.
- Bridged support and engineering to triage and reproduce critical issues.