

Brian Kung, Senior Software Engineer

brianhingyenkung@gmail.com | (224) 730-6348 | Vernon Hills, Illinois, US | briankung.dev | [LinkedIn](#)

I've cofounded a startup as the technical lead, worked full-stack most of my career, and have been using Rust for backend web development in the last few years. I'm currently looking for mid- to large-sized businesses with strong engineering cultures that prize communication and personal growth.

Consultant @ Self Employed 2024-01 — Present

- Embedded software engineering resource for events management using ColdFusion
- Technical advisor to startup in the manufacturing space

Senior Software Engineer @ Backpack Group 2022-12 — 2024-01

- Designed and developed APIs for utility consumption reporting and forecasting using Rust (Rocket)
- Split existing REST API microservice into sub-microservices with minimal downtime
- Optimized deploys and unit test runtimes in CI by 26% for an estimated savings of over 5469.5 minutes of CI time per month
- Reduced manual labor spent on weekly releases from hours to minutes of manual work with internal tooling
- Automated internal publishing of openapi specs and documentation to unlock automation capabilities for frontend and QA teams
- Authored and trained new hires on comprehensive release engineering documentation

Software Engineer @ LiveWatch 2017-06 — 2018-04

- Wrote credit card verification and fraud prevention for thousands of transactions per month
- Implemented DocuSign contract signing workflow to customer signup using responsive design
- Rewrote checkout workflow from Rails views to API driven SPA with VueJS and Vuex
- Detected and mitigated a memory bloat issue in the admin panel using Scout APM

Cofounder @ Project Credo 2014-06 — 2017-03

- Investigated product market fit for academics and academic institutions using the Lean Canvas framework
 - Lead prototyping in a full-stack capacity, building out the backend API in Rails as well as the frontend in VueJS
 - Solicited and hosted user experience interviews for prototype web application
 - Reviewed and provided feedback on open source contributions
-

Key Competencies: Rust, Ruby, TypeScript, Javascript, React, HTML, CSS, React, VueJS, SQL

EDUCATION **University of Illinois at Urbana-Champaign** 2007 — 2011
Bachelor - East Asian Languages and Culture
