

Brian Kung, Senior Software Engineer

work@briankung.dev | (224) 730-6348 | Vernon Hills, Illinois, US
<https://briankung.dev>

SUMMARY	Brian is an experienced full stack software engineer and recent stay-at-home-dad. He has mastered diaper changing and making truck noises and is now looking to branch into engineering leadership roles that hopefully stink less.
---------	---

EXPERIENCE	Backpack Group, Senior Software Engineer 2022-12-05 — Present <ul style="list-style-type: none">Led observability initiative to enable tracing, logs, and health metrics in DataDog APMMigrated the Rust toolchain for multiple microservices from nightly to stableImplemented reporting microservice in Rust that dynamically generates JSON and CSV based on user inputEnabled local compilation of legacy code bases via NixIntroduced internal tool for automating release notes and release branches Hologram, Inc., Senior Software Engineer 2022-02-07 — 2022-06-08 <ul style="list-style-type: none">Split up a monolithic PHP billing service into microservices and deployed it to AWSGave talks, 1:1 tutorials, and wrote documentation and onboarding materialSpearheaded initiative to evaluate frontend end-to-end testing frameworks resulting in implementing Playwright that would go on to run 100 E2E tests in parallel under 1 minute Knotel, Senior Software Engineer 2019-08-14 — 2020-01-06 <ul style="list-style-type: none">Implemented property manager batch photo and file upload capability in Rails backend and custom frontendEnforced code quality standards by implementing continuous integration to build and test code with GitHub ActionsAdded support for property managers to enter new marketplacesAdded custom fields on the frontend supported by data migrations on the backend Open Source Contributions 2013 — 2022 <ul style="list-style-type: none">Added chunks() stdlib method to DataDog Vector platform (Rust): https://briankung.dev/2022/08/18/contributing-to-the-vector-remap-language/Wrote a CC-CEDICT parser with parser combinators (Rust): https://briankung.dev/2021/12/07/building-a-ccdict-parser-in-rust-with-nom/Fixed the oldest standing bug on lobste.rs (Ruby on Rails): https://github.com/lobsters/lobsters/pull/659
------------	---

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

SKILLS	Technologies: Rust, Ruby, Javascript, Ruby on Rails, Dart, HTML, CSS, Bootstrap, Bulma, React, React Native, VueJS, Flutter, git, GitHub, PostgreSQL, Sqlite, Rust, Elixir, Heroku, Linode, Docker, Docker Compose, RSpec, Capybara, Selenium, AWS, EC2, S3, Linode, Ansible, Capistrano, Chef, MongoDB, Python, Django, CSV, Braintree, BackboneJS, MarionetteJS, Spree Ecommerce People Skills: Git Flow, Agile, Lean Startup, MVP, Business Canvas, Meetup Organizer, User Interviews, Remote Collaboration, Distributed Teamwork, Public Speaking
--------	--

LANGUAGES	English (<i>Native speaker</i>), Chinese 普通话 (<i>Intermediate</i>)
INTERESTS	Biology [<i>Ethology, Ecosystems, Microbiology, Surviving Pandemics</i>], Movement Arts [<i>Dance, Martial Arts, Martial Arts Tricking, Parkour</i>], Language learning [<i>Chinese, Spanish, Korean</i>]
