

Jason Krabs

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Rust Backend Engineer

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Location

Boca Raton, FL



Languages

- Rust
- PHP
- JavaScript
- TypeScript
- HTML
- CSS
- C#
- C++
- Java
- Ruby
- Python
- SQL
- GraphQL
- Liquid

Databases

- MySQL
- PostgreSQL
- SurrealDB
- Redis
- SQLite

Integrations

- Shopify
- Wordpress
- OpenAI
- SendGrid
- DocuSign
- Intuit
- FedEx
- UPS
- USPS
- Google
- APNs
- Zapier
- Contentful
- Slack
- Discord
- Github
- Atlassian

Work Experience

Evolv Services LLC (Evolv)

Nov 2025 - **Present**
Full-time - Remote

Rust Engineer

- Extended Tauri application layer into an Axum HTTP server (the cloud AI inference server)
- Co-designed a Rust procedural macro that generates Tauri commands, Axum HTTP endpoints, and OpenAPI documentation from a single function definition
- Developed authentication systems between existing Express server, cloud AI server, MCP servers, and React frontends
- Leveraged cloud AI server for various utilities such as a JSON generation tool and conversation auto-labeling
- Created a Rust MCP server for cloud AI models to make authenticated requests against the Express server and create inline UI components on the chat frontend
- Various improvements to React frontends across several projects

Stack: Rust (Axum, Tauri), TypeScript (React, Express), SurrealDB, MongoDB

Subsequent Corporation (SubSeq)

Nov 2024 - June 2025
Contract - Remote

Rust Backend Engineer

- Focused on third-party API integrations on the Axum backend
- Created a Discord & Slack bot to interface with the SubSeq API, and implemented a Discord & Slack account linking system
- Developed synchronization systems for bidirectional issue/task updates between GitHub/Jira and SubSeq, covering comments, issue states, and relationships
- Added Google account linking and email syncing
- Contributed various improvements to the React frontend

Stack: Rust (Axum), TypeScript (React), Postgres

Turing Machines Inc. (Turing Pi)

Jan 2024 - May 2024
Contract - Remote

Rust Developer

- Provided foundational development on an upcoming AI/LLM Agents platform
- Integrated the OpenAI API into a multi-agent conversational LLM system
- Wrote systems to monitor configuration directories and dynamically parse structured plaintext files, updating agent system prompts and configurations upon file updates at runtime.
- Created a dynamic, scrollable, configurable terminal interface for the early frontend using the `crossterm` and `tui` crates.

Stack: Rust (tokio, async-openai, crossterm, tui)

Web Servers / Frameworks

- Rocket
- axum
- Apache
- nginx

Tools / Frameworks

- Docker
- JQuery
- React
- Django
- Unity
- Godot
- Traefik

Rust Crates Used

- rocket
- leptos
- bevy
- serenity
- serde
- tokio
- reqwest
- diesel
- redis
- mysql
- chrono
- wasm-bindgen
- password-hash
- argon2
- subtle
- pbkdf2
- scrypt
- mockito
- jsonwebtoken
- base64
- tera
- utoipa
- yew
- web-sys
- uuid
- anyhow
- async-openai
- log
- qdrant-client
- dotenvy
- crossterm
- tui
- cucumber
- confy

B.T. Trucking, Inc. (Haulink)

Backend Engineer

- Created Rust microservices to send DocuSign envelopes and QuickBooks bills & invoices.
- Developed an OAuth 2.0 API using Rocket.
- Developed a Yew-based frontend interface integrated into the Django admin dashboard to manage assignment details such as time, rates, fees, and more, as well as QuickBooks billing and PDF generation.
- Created feature tests (Cucumber) and mock API requests (Mockito) during test-driven development
- Wrote an ORM library for seamless interactions with the SurrealDB database across the Rust codebase

Stack: Rust (Rocket), Python (Django), Postgres, SurrealDB

Mar 2023 - Nov 2023
Full-time - Remote

Redcon1, LLC

Web Developer

- Created and improved custom Shopify integrations.
- Created an automatic monthly reward redemption system for the Redcon1 "Tier Operator" referral program.
- Worked on Shopify line item scripts (Ruby) for deals and the Tier Operator fulfillment system
- Wrote all of the back end for the iOS app (PHP) including sign in (Shopify email verification using SendGrid).
- Automated UPC label creation for the UPC stickers used in apparel packaging.
- Created PHP endpoints and WordPress admin plugins to read and update MySQL database and update Shopify customers/orders/products via the Shopify REST API.
- Wrote partner app & systems to create linked orders on our partner's store (Icon Meals) on order creation for orders that contain their products.
- Wrote integrations to sync Contentful entries with Shopify and created endpoints to serve content to the headless React site.

Stack: PHP, MySQL, JavaScript, TypeScript (React), Liquid, Ruby, Shopify, WordPress

Dec 2019 - Mar 2022
Full-time - On-site

Open Source

- [jasonkrabs.com](https://github.com/Elgenzay/jason.json)
<https://github.com/Elgenzay/jason.json>
- 3D printer filament aggregator site (unfinished)
<https://github.com/FilamentSeek>
- Early-stage game made in Bevy (Rust game engine)
<https://github.com/Elgenzay/bevy-tilegame-base>

GitHub: <https://github.com/Elgenzay>