



Astrid Gealer

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ABOUT MYSELF

Hey! I'm Astrid and I am a passionate developer in the UK. Over the past few years, I have developed user experiences to increase user engagement and drive up developer productivity. I am seeking opportunities with a strong willingness to relocate to Stockholm, Sweden.

WORK EXPERIENCE

Software Engineer/CEO

Web Scale Software Ltd [05/2024 – Current]

City: Brighton | **Country:** United Kingdom

- The company provides commercial custom software solutions to multiple companies such as Neon. For example, in Neon's case, my company writes software to help with their marketing, blog posts (<https://astrid.place/blog/neon>), and data migrations (I helped in the migration of postgresqltutorial data to the Neon website whilst still maintaining SEO)
- Company is building an RPC framework that generates clean clients (for example `client.weather.get("Stockholm")`) and the server in a similar stacked structure with CI support for breaking changes) with a built in atomicity API that will roll back all requests in the sent block in the event of an error. This is still a work in progress, but it is open source at <https://github.com/iamjsd/arpc>
- The company primarily writes code in TypeScript (Bun/edge) and Rust

Software Engineer

Citibank [01/2023 – 03/2024]

Address: Citigroup Centre, 33 Canada Square, E14 5LB London (United Kingdom)

- Pushing for high architecture standards in regards to type safety with TypeScript and validation using Zod. Wrote a lot of documentation to allow for this and training staff on how to use TypeScript in a very safe way
- Was writing Visual Studio Code extensions to support developers in ensuring regulatory compliance with their data flows
- The job was primarily TypeScript and Go with heavy testing in both

Software Engineer

Krystal Hosting Ltd [08/2021 – 12/2022]

City: Portsmouth/Brighton | **Country:** United Kingdom

- My job at was writing backend solutions primarily in Go
- Some examples of open source code I worked on was the Katapult CLI, the Go Katapult library, and their networking tools
- I was also working on a alternative to cPanel which involved distributed computing with failovers and modular web server support. This used various technologies such as the Caddy plugins API, gRPC, Kubernetes, Docker, Rails, and Go

Contract Software Engineer

DigitalOcean [06/2019 – 07/2021]

- Most of my job was working on various open source community tooling, a lot of it is still on <https://www.digitalocean.com/community/tools> to this day
- A lot of the tooling used Webpack with a lot of custom build tooling which I built since this was before Vite would have been capable of what we needed. We consumed a variety of different APIs and parsed various different formats. For example, the SPF record tool had a visualiser which I built to be able to clearly distinguish links between multiple records (<https://www.digitalocean.com/community/tools/spf?domain=do.co>)
- I also worked on a big project to perform a migration of the website from a old Ruby on Rails codebase to a newer Next.js codebase which they still use currently

EDUCATION AND TRAINING

Level 3 Extended Computer Science BTEC (Distinction*, Distinction*, Distinction*)

City of Bristol College [09/2018 – 09/2020]

City: Bristol | Country: United Kingdom | Website: <https://cityofbristol.ac.uk>