

Will Clarke

Senior Software Engineer

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🌐 [will-clarke](#) git.sr.ht/~will-clarke [in wmmclarke](#)

Backend software engineer with 10 years' professional experience.

SKILLS

🐹 Golang

Master



Static Typing Simplicity

👉 Soft/Core Skills

Master



Communication Teamwork

🌐 Web Development

Master



APIs REST HTTP

💎 Ruby

Advanced



Rails Scripting

🏠 Architecture

Advanced



Microservices Events

🇬🇧 Linux / Automation

Advanced



Docker Bash Scripting

📦 Databases

Advanced



SQL Postgres NoSQL

🚀 AWS / Infrastructure

Advanced



Terraform Serverless

🔍 Monitoring

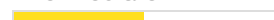
Intermediate



Grafana Kibana

🐍 Python

Intermediate



🤖 Using / training LLMs

Intermediate



🍷 Haskell

Beginner



WORK EXPERIENCE (9)

Just Eat (Remote) - Senior Software Engineer Contractor - Golang

Nov 2022 - Nov 2023

Responsible for developing and maintaining the internal tool for managing restaurants' POS integrations

- Led successful AI initiative to create a chatbot for our internal support team
- Completed a complex multi-year data migration which markedly improved data consistency and integrity across the platform
- Created and ran script to update all company-wide microservices, streamlining internal administration
- Managed data modelling initiative (simple grammar and parser to improve DyanamoDB query performance)

Infosum (Remote) - Senior Software Engineer Contractor - Golang

Apr 2022 - Oct 2022

Led the creation and maintenance of critical user-facing HTTP and gRPC APIs

- Improved security and developer efficiency by instigating work on explicit system-wide API 'levels'
- Focused on developing software with an emphasis on security, privacy, reliability and throughput
- Collaborated closely with other teams to ensure a cohesive user experience

River Island (Remote) - Tech Lead

Sep 2021 - Apr 2022

Promoted to tech lead, worked closely with technical architects, software engineers and business stakeholders to integrate a new warehouse provider into existing infrastructure

- Keystone project to improve logistical efficiency and growth potential
- Management role to align the team's technical direction with business objectives

River Island (Remote) - Software Engineer - Golang

Aug 2020 - Sep 2021

Expanded River Island's wholesale abilities; transformed and exported key data streams

- Used simple serverless architecture (AWS Lambdas and SQS with Golang) to reduce our devops burden

SMC (Remote) - Software Engineer - Golang

Apr 2020 - Jul 2020

Hacked on a raw hardware device and added commercial features

- Enabled third-party developers to interface directly with our main application

Ratio (Dorset) - Software Engineer - Golang, Node, PHP

Jun 2019 - Mar 2020

Led several projects end-to-end; added features and reduced maintenance burden

- Automated complex reporting processes, saving 2 engineer-hours/day

Deliveroo (London) - Software Engineer - Golang, Ruby

Nov 2016 - May 2019

Part of the Customer Experience team and routinely led features end-to-end

- Launched several successful products including the Order Tracker and Self-Help flow
- Led the company-wide project to start deprecating old apps, dramatically reducing our maintenance burden and improving the order rate

Snaptrip (London) - Software Engineer - Ruby

Oct 2014 - Nov 2016

We were a scrappy startup and I got stuck in everywhere

Forward3D (London) - Data Analyst - Ruby

Jan 2012 - Sep 2014

I was initially an analyst but taught myself to code. I automated most of my job with hacky scripts

PROJECTS (8)

GopherCon 2019 Talk (selected to present about Deliveroo's monolith decomposition)

🔗 <https://www.youtube.com/watch?v=OFM4G0wr8bc>

URL-Shortener written in Golang

🔗 <https://git.sr.ht/~will-clarke/url-shortner-golang>

Snake written in Haskell (I gave a talk about this at Deliveroo)

🔗 <https://git.sr.ht/~will-clarke/snake-hs>

Chip-8 Emulator written in C

🔗 <https://git.sr.ht/~will-clarke/chip8>

I wrote my website in a 140 line shell script

🔗 <https://git.sr.ht/~will-clarke/super-simple-static-site-generator>

Pong written in Rust

🔗 <https://git.sr.ht/~will-clarke/pong-rs>

t8r8, a potato-rating website with ELO-rankings written in Elixir

🔗 <https://git.sr.ht/~will-clarke/t8r8r>

shortstories.lol - experimental AI-generated and AI-rated stories (hacky Flask App)

🔗 <https://git.sr.ht/~will-clarke/story-gen>

EDUCATION (1)

Masters in Anthropology and Archaeology Durham University

2007 - 2011

INTERESTS

Technology

AI / LLMs Robot apocalypse
(n)Vim Linux CLI

Outside

Woodworking Cycling
Walking Chopping wood

Wider interests

Politics Reading Films
History Philosophy