

Cover Letter

Full Stack Senior Software Engineer

Mohamed Bana

1 Intro

I am a well-rounded Software Engineer, and I understand what it takes to release a product having worked on the back-end, front-end, testing and finally the deployment aspect of several products.

2 Background

A role involving web technologies hosted on a cloud-based backend. I've worked on all the tiers of a software product, so I can appreciate the different concerns expressed at each level. I feel the latest trend in web technologies; quick prototyping, large selection of libraries, ease of programming and its cross-platform support is where the future is heading. This, distributed systems and big data algorithms are where I am focusing my current efforts—all of which are equally interesting to me.

I'm a well-rounded engineer and I'm able to see the delivery, from beginning to end, of a software stack. This includes the building, testing and continuous delivery of the solution. I have examples in my repositories that demonstrate all these in a cloud environment:

- Go/Golang backends.
- Building frontends in JavaScript.
- Complete end-to-end testing of the final project.
- CI builds on the cloud.
- Deployment on the cloud using Google Cloud Platform (GCP).
- Containerising software using Docker.
- Orchestrating the built containers using Kubernetes.

2.1 Job Preferences

2.1.1 Salary and notice period

I'm willing to negotiate on this as it depends on a few things, that said:

- If it's a contracting role, minimum of £500 per day.
- If it's a permanent position, minimum of £90,000 per year.

I'm available to start after the 30/04/2021.

2.1.2 Work locations considered

Ideally, a remote role with an office in London.

If it's not fully remote, an office in East London, e.g., Canary Wharf, Aldgate (East), would be good.

2.1.3 Key skills and preferred job role

I'm flexible in terms of the choice of framework used, however, my ideal role will involve (any of) the following:

- Backend: Ideally Go/Golang as I have good experience with this.
- Frontend: JavaScript or any language that targets JavaScript on the frontend side, my ideal choice would be TypeScript. I would prefer to use Vue.js as the underlying framework that the UI is built with.
- Roles where Linux, Google Cloud Platform (GCP)/Azure/AWS, Docker and Kubernetes are being used. Open Banking would be a plus.
- I'm up for learning more of Rust. It's just a hobby at the moment.

Summary: (Full Stack) Senior Software Engineer: Golang, Vue.js, Linux, Docker, Docker-Compose, Kubernetes, Cloud Computing, Google Cloud Computing (GCP).

2.1.4 Any visa restrictions – if applicable (ILR, Tier 2, Dependant visa etc)

- **Passport/Nationality:** I have a British Passport, National Insurance number, British Citizenship etc.
- **Drivers Licence:** Full UK Driving Licence.
- **Background/Criminal Check:**

- **Police Certificates - ACRO Criminal Records Office:** Certificate was issued in 2021.

Summary of convictions and reprimands/warnings/cautions/impending prosecutions/under investigations held on UK police databases and disclosed in accordance with the ACRO stepdown model:

NO TRACE.

2.1.5 Reason for looking for new role

My contract at IBM will be finishing on the 30/04/2021.

Kind regards,
Mohamed Bana