

Agustí Bau Pericón

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Hey! I'm Agustí a software engineer with about 7 years of experience. I enjoy work when I build products that are useful to people. I like being surrounded by bright people, I like coding in vim, building scripts and all that madness.

Here follows a one page summary of my professional career:

WHEN WORKING

- Focus on business value
- Finishing work is easier said than done
- Two or three minds think better than one
- Find problems, build solutions
- Professional but fun

WHEN CODING

- Each line, function, module should do one thing
- Everything should have some test
- Mindful about complexity
- Any rule above can be broken, with a good enough reason

EXPERIENCE

Senior software Engineer - Clovr-labs

Jan 2022 - present, Barcelona

I'm part of the chain* team, where we build a highly scalable blockchain analytics system, mainly using python, spark, and redis on kubernetes. Alongside the team, we design, architect and develop the whole solution. Taking into consideration: performance, developer experience and scalability.

The main problems we are usually dealing with:

- Due to sparseness of graph data, providing fast access to random parts of the graph is complicated
- Because big data tools are used. Problems like number of connections from/to machines, resource usage, parallelization of processes occur.

Senior software Engineer - Kasaz

Jul 2020 - Jan 2022, Barcelona

We operated fully remote. I did everything required to keep the platform rolling, backend (ruby on rails), frontend (react, react native and graphql) and devops (AWS). I did also onboard and somewhat manage the newcomers that joined the company

Some of the features that we built:

- Search listings by drawing a hand-drawn area or panning the map automatically
- Feed generation to be ingested by traffic providers, involving complex queries that have to run for any amount of listings.
- Alert system to keep users up to date with new listings according to saved searches

Startup incubator - Zinc.vc

Sept 2019 - Feb 2020, London

I was part of "mission 3" where we looked for startup possibilities "for the older population".

Software engineer - Datatiger

Oct 2017 - Nov 2018, London

At Datatiger we built a marketing tool, horizontally scalable following a microservices architecture using mainly Java and Python on Docker and AWS.

- I was the 8th hire, we developed, designed, and architected key main features of the platform.
- I was responsible of integrating our platform with different systems (email providers, other event providers, ad networks, among others).
- I developed the first parts of the analytics system based on a data lake architecture.

Junior software engineer - King

Jun 2016 - Sep 2017, Barcelona

We developed a marketing internal system built on Jboss, AWS Redshift and Kafka, using Agile methodologies.

- I implemented end to end image notifications across all King games.
- I developed multiple backend features that incorporated into an ETL process.

Remote For Mac - Self-employed

2013 - 2016~

While in university I developed an Android app, a remote control for Mac devices, for Android. Over time it got downloaded over 200k times, and netted some student money. Better competitors appeared and I lost interest.

EDUCATION

Bachelor's degree in computer science

Barcelona School of Informatics • Barcelona • 2018 • 7.3 (out of 10)