Abraão Pacheco Dos Santos Peres Mota

Tel: +44 79 444 651 32 **E-mail:** abraaomot@outlook.com

Experienced fullstack engineer with a passion for technical excellence & an interest in finance

Work Experience

Goldman Sachs - Asset Management Engineering - Executive Director
July 2018 - Current
- Digitised 2 large-scale client onboarding workflows, resulting in operational **multi-HC savings**. I have also implemented an OCR solution to automatically hydrate workflows based on client submitted data, resulting in **100's of hours operational savings per year** as well as reducing double-keying risk.
- Designed & implemented a system that tagged & stored client uploaded documents with high uptime & availability requirements - using a range of technologies including Kafka, Amazon S3 & MongoDB.
- Have sought to coach & encourage technical excellence within my team by instituting monthly calls to discuss topics of interest, where software craft & new technologies are discussed.
- Upgraded the infrastructure to a containerised solution for our flagship application using **Kubernetes**. This implementation created SSL certificates for all environments & load-balances business critical traffic with **3 9's uptime**. This paved the way for containerisation of 3 further apps since.
- Led a 6 month integration with a vendor to overhaul the client servicing strategy for a product line. I co-ordinated a team of contractors to deliver on stakeholder requirements, while unblocking the project on technical risk buildout & other compliance matters. Also implemented **migration strategy of 30k+ historical records** into the new system, which has handled **100k+ enquiries since go-live**. The system now captures customer analytics and has digitised phone enquiries via AWS Connect.
- Most recently have been leading a team of 8; developing & executing a strategic roadmap to build out a new focused data pipeline, leveraging a Datalake & load-balanced API's to serve fund data to various internal customers thousands of times a day. This strategy additionally aligns to the demise of several legacy systems by consolidating data sourcing into a single ownership model.
- Have used a variety of technologies in my tenure, including **Java, Python, Kubernetes, MongoDB, SybaseIQ, MemSQL, Kafka, SpringBoot, Angular, SQL, Graph Databases** to name a few.

Unboxed - Software Developer
April 2017 - September 2017
- Worked on a variety of Ruby on Rails projects, including security patches & frontend updates to the UK Government Petitions website.
- Created a simple CMS leveraging AWS S3 which hosted images for the internal company blog.
- I contributed to the alpha & beta stages of char.gy, an EV charging startup. This included enhancements in communication protocols to the charging point & marketing email tracking enhancements to improve user nurturing journeys, as well as direct customer face-off.

Alliants - Software Developer Intern
July 2016 - September 2016
- I created a tool using Ruby on Rails to store organisational information.

Education

2014-2018	**Imperial College London**, London, United Kingdom **Computing MEng - First Class Honours** **Horizons Language Courses**: Russian Level 1 - Merit, Spanish Level 4 - Merit
2012-2014	**Chelsea Academy**, London, United Kingdom **A Levels:** Maths - A*, Further Maths - A, Physics - A, Economics (AS only) - B
2007-2012	**Battersea Park School**, London, United Kingdom **GCSEs:** 11 A*'s, Latin - A, Spanish - A*, **AS:** Portuguese - A