JOSE ALBAN

Staff Software Engineer

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COMMERCIAL EXPERIENCE (15Y+)

Lead / Staff Software Engineer

Sensat

📅 January 2020 - Current   📍 London

- Top Github commit contributor in the company
- Individual Contributor career, working closely with the CTO on top client's security concerns and international compliance of data residency and ISO standards
- CORE team leadership - managing infrastructure architecture and provisioning, technical proposals, standards, sprints, implementation, testing, deployment, cross-team collaboration
- Serve as a point of reference for the full stack software development, from cloud infra to nodejs/golang backend and occasional angular frontend

Senior Software Engineer

Babylon Health

📅 May 2018 - January 2020   📍 London

- One of top maintainers of an in-house Rust tool to validate and deploy resources on kubernetes
- HIPAA (US healthcare regulation) and GDPR compliant development lifecycle via SSDLC, e.g. led the TLS in-transit and encrypted at-rest enforcement across 10+ teams
- Interviewed many Engineers and some Product people for different levels ranging from Junior to Senior
- Mentored other Engineers across the company on best practices dealing with our infrastructure, also served as architecture consultant. Became a reference in the backend/infrastructure domain.

Senior Software Engineer

M2A Media

📅 April 2016 - May 2018   📍 London

- Specification, Implementation (Python, Ruby, Bash), Test (unit, acceptance, load) and Operation of Live Streaming, Live to On-Demand, Packaging and Delivery of media services from scratch for well-established Media providers in the UK and abroad (Canada, Germany, Japan, US)
- Performance and cost-driven optimisation of concurrent highly-available low-latency critical backend Python services deployed on cloud-provisioned infrastructure (eg AWS) (Server / Serverless) or on-premise Linux instances
- Mentored other Engineers at diverse levels on best practices and high standards of implementing backwards compatible and testable code, releasing, committing, etc

MY LIFE PHILOSOPHY

"Hard today, harder tomorrow"

MOST PROUD OF

🏆 **Top 5% on StackOverflow**
for 2019

🏆 **Cloud infra reference**
being first point of contact for all infra and reliability issues

❤️ **Developer experience and CI**
removing blockers for other software engineers so they can focus on product level concerns

❤️ **API design**
so that APIs can be consumed safely by the public

STRENGTHS

Pragmatism   Patience   Minimalism

Macos   Golang   Rust   Nodejs
Python   Pulumi   Terraform   AI

LANGUAGES

English ●●●●●

Portuguese ●●●●●

Spanish ●●●●○

German ●○○○○

LEGAL

Permanent UK Residence / Spanish citizenship / 1 month's notice

EDUCATION (6Y)

MSc(Eng) Advanced Software Engineering

Graduate / Senior Software Engineer

British Broadcasting Corporation (BBC)

📅 September 2013 - April 2016   📍 London

- Development of Object-Oriented (Java 7 and 8) Multi-threaded/Highly-available/Scalable/Business-critical/Public-facing microservices deployed on AWS
- Managed complex global AWS infrastructure, including multiple accounts/regions/services
- Continuous Delivery of business-critical services (Java 7) for iPlayer and other Media Factory consumers, affecting millions of users every week
- Mentored contractors and engineers at different levels
- Developed frontend banner that affected every BBC webpage and millions of users worldwide

Web Developer

AlchemyBet

📅 October 2012 - August 2013   📍 Sheffield

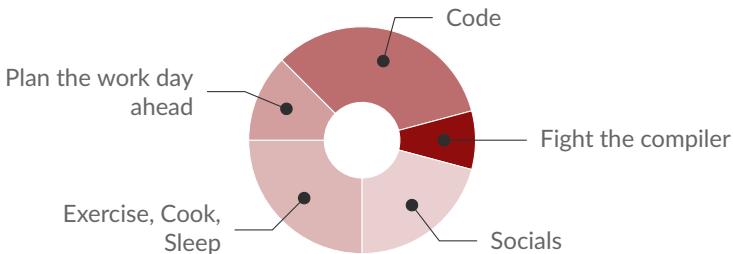- Engineered web services (C#), databases, scripts, automated updates

Systems developer

Blanski eletronica do Brasil

📅 August 2010 - August 2011   📍 Salvador - Bahia - Brazil

- Specification and implementation (Delphi/C++, Adobe Flash GUI) of a Supervisory System software from stratch for industrial laundry
- Took part in the development of a private automation protocol between a PLC and PC (Windows)

University of Sheffield

📅 September 2012 - September 2013

Dissertation subject: Developing the University of Sheffield Cloud PaaS based on open source software First Class / Distinction (72%)

BEng Electrical Engineering

Universidade Salvador

📅 January 2006 - July 2011

Final essay subject: Aspects of developing a Supervisory System in C++/Delphi Emphasis: Electronics / First Class (71%)

A WORK DAY IN MY LIFE

Code
Plan the work day ahead
Fight the compiler
Exercise, Cook, Sleep
Socials