Pierre Chapuis

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PROFILE

Writing code since 2000, professionally since 2009
Full-stack, from systems software (e.g. database internals) to front-end

WORK EXPERIENCE

Moodstocks (acquired by Google in 2016)

Research Engineer, 2010 – 2011
Systems Developer, 2011 – 2013

Moodstocks was a startup specializing in image and object recognition on mobile devices.

- ▸ Responsible for server-side software and Cloud-based infrastructure
- ▸ Implemented the user-facing API, ingestion pipeline, server-side search engine,
  various Computer Vision algorithms
- ▸ Originated projects Moodstocks Notes (an app providing comment feeds on real world objects)
  and Winch.io (data sync system for offline-first mobile apps)

Stack: LuaJIT, C, Python 2 + Flask, Ruby, Redis, AWS

Lima

Core Engineer, 2014 - 2016
Technical Lead, Core Engineering, 2016 - 2019

Lima made a B2C personal cloud device, leveraging a distributed VPN and a replicated filesystem.

- ▸ Designed and implemented the replication algorithm
- ▸ Led the Core Engineering team, responsible for the « core » shared library,
  the Lima firmware and the backend
- ▸ Eventually responsible for company-wide software architecture

Backend stack: Python 2/3 + Flask, Redis, AWS
Core stack: C, Lua, LMDB, embedded Linux

Chilli (an eFounders project)

Technical co-founder, Feb. 2019 - Sep. 2019

Chilli was aiming to solve SaaS distribution to SMBs and SMEs.

- ▸ Joined as technical co-founder (CTO), built a MVP from scratch
- ▸ Ended up shutting the project down as business didn't take off

Backend stack: Typed Python 3 + Flask, PostgreSQL, Redis, Nchan, AWS
Frontend stack: TypeScript, Angular 7/8, Clarity, Stencil (Web Components), Tailwind CSS

EDUCATION

Cranfield University (UK)

MSc in Grid Computing (Distributed Systems), 2010

IMT Atlantique (France, formerly Télécom Bretagne)

Engineer's Degree, 2010
Majors in Networks, Signal Processing, Computer Science.