

# 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 with an innovative model involving software.

- ▶ 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.