

# Pierre Chapuis

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https://catwell.info

## PROFILE

Writing code since 2000, professionally since 2009  
Systems software (e.g. database internals), architecture, web backend

## WORK EXPERIENCE

**Inch** (<https://inch.fr>)

*Staff Software Engineer*, since Nov. 2019

Inch is a SaaS CRM and ticketing tool for property managers.

- Full stack (mostly backend) software development
- Responsible for all integrations with external software

Stack: Ruby on Rails, PostgreSQL, React, GCP, Ansible

**eFounders** (<https://efounders.com>)

*Technical co-founder of Chilli*, 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
- Shut 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

**Lima** (closed in Feb. 2019)

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

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

- Led the team responsible for the « core » shared library, the firmware and the backend
- Designed and implemented the replication algorithm

Stack: C, Lua, Python 2/3, Flask, LMDB, embedded Linux, Redis, AWS

**Moodstocks** (acquired by Google in 2016)

*Research Engineer*, 2010 – 2011, then *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, mobile sync engine and various Computer Vision algorithms

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

## 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.