



Clément Nodet

technical architect

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executive summary

Highly proficient in web technologies. Strong technical background, in both development and architecture. 6 years in an offshore web company, including 4 years in top-management position. Fast and intuitive learner. Passionate about technology and web.

work experience

Dirox, Vietnam / Operations & Technical Director 2010 – Current (2 years)

Dirox is a 40-people, Vietnam based, offshore company, specialized in web application development. Interventions are ranging from large-scale web applications (Adserver, SMS-call center management system) to traditional CMS and websites. Multiple technology stacks (LAMP, but also python, cloud hosting) with a "right tool for the right job" approach. Some clients and partners : Vodafone, Cellfish Media, Lowe & Partners, Natixis, Atlassian.

Responsibilities & Achievements

- Reorganized an under-performing sale pipeline, focusing the efforts on start-ups, media-agencies, both local and international.
- Bootstrapped, trained and supervised a 5-persons mobile development team, working on iOS and Meego platform, and to date on a dozen of projects, ranging from games to social apps.
- Established the company as the production house of choice of Lowe and Partners Vietnam, through consistent high-quality technical & functional proposals.
- Successfully brought in product-oriented web projects, and acted as technical architect on initial phases.
- Implemented technical training in the company by developing a variety of side projects, hand-in-hand with individual developers.

Highlighted development work

- [KeepUP](#), a very straightforward website monitoring tool, with the first version done in 48h as a side-project. Web front-end in Django - MySQL, monitoring agent (multi-server) in Node.JS. Also developed a companion [iOS application](#).
- [Timetag.in](#), a client-side only, entirely offline, HTML5 task manager, done as a side project.
- The9pm (under development), a wishing and gifting web application, running on a Django - MySQL - Redis stack, hosted on AWS platform.
- [Têt 2012](#), an iOS game to celebrate the Vietnamese new year, developed with Cocos2D.

Dirox, Vietnam / Technical Director

2008 - 2010 (2 years)

During those two years, Dirox widened its range of expertise, and services: by experimenting on different technology stacks and by opening a dedicated web-agency unit (Ozerside). In 2009, Dirox also launched Digital Recognition, a startup focusing on user-generated content moderation.

Responsibilities & Achievements

- Handled RFPs, workload estimation, phasing, technical proposals
- Provided technical guidance, best-practice and technology/tools assessment to development teams and clients
- Managed and improved company's development processes and tools: SCM policies, continuous deployment, automated testing.
- Managed new projects kickoff phase

Highlighted development work

- Worked with a New-York based team to profile and advise on the performance of a large web-app. Resulting optimizations allowed a complete roll-out of the product without additional infrastructure costs.

Digital Recognition Ltd. / Technical Advisor

2009 (6 months)

Digital Recognition was a Vietnam based startup entering the content moderation and copyright protection market with a SaaS platform, combining a new image and video matching technology with content classification.

Responsibilities & Achievements

- Designed original architecture, with scalability and HA strategy
- Open source technology assessment and integration (Scribe, GlusterFS, Kestrel, etc...)
- Helped the development team and system team to design platform exploitation procedures
- Advised a small R&D team on high dimensionality kNN indexing & search

Highlighted development work

- Moderation backend, written in Django and using Kestrel as a message queue to handle different priorities. Developed also the front-end, carefully designed to yield high moderation rate.
- Reporting backend, written in Django, with MySQL.
- Implementation of the first layer of the API, using Pesto (python), memcached and scribe

Dirox, Vietnam / Software Engineer

2006 - 2008 (2 years)

In its early days, Dirox small developer team (15 people) was working mainly on LAMP stacks. At first developing websites and intranets for european customers, it then took on the development of a suite of tools to manage digital advertisement, that ultimately resulted in a full-fledged adserver.

Highlighted development work

- Sofialys AdServer, a mobile adserving solution, now powering Vodafone mobile portal ad needs. Development on both front-end (campaign management, reporting) and back-end (ad publication, serving, capping). In charge of the back-end and infrastructure during Vodafone load testing for production approval.
- VPOD, implementation of their PHP API for video publishing.
- Design and implementation of the company's PHP web framework.

education

INSA Lyon, France / ME Computer Science

2003 – 2006

- Computer Software Engineering school
- [Ranked #1](#) of France's engineering school
- Top 10 student
- 3 internship, including 1 in research lab

IUT2 Grenoble, France / AD Computer Science

2001 – 2003

- Technical formation in software development
- Major of promotion
- Internship in research lab, medical image processing

technical skills

Current toolbox

- Programming language of choice : Python
- “Go-to” frameworks: Django, NodeJS
- Persistence : Redis, MySQL
- Version control : git

Professional experience

- Programming languages : Objective-C, PHP, JS
- iOS development : UIKit, CoreData, Cocos2D
- Front-end development : HTML5, CSS3, jQuery
- Client side & server side optimization

I also love

- HTTP + REST
- Real-time web
- Scalability issues
- System administration (Linux)

on the web

- [github](#)
- [codejam 2011 & 2012](#)
- [flickr](#)
- [twitter](#)