Nicolas Rochelemagne
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French / American

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github.com/atoomic
@atoomic

Senior Developer, Level III
@ cPanel / webpros
Dynamic
Versatile
Creative & Curious

Key professional skills

Expert	Web Hosting/Advertising, Linux, Perl, Apache/Nginx, Mysql/Percona/MariaDB, Packaging, Git
Proficient	BigQuery, GitHub CI, Ruby on rails, php, Javascript, AJAX, CSS, C, C++, Travis, OpenStack, HuGo
Basic knowledge	Jenkin, PostgreSQL, nagios, node.js, angular, docker, vagrant

Summary of professional experience

cPanel, Houston TX Senior Developer III Nov 2011 - Today	**Packaging System**: maintain the infrastructure to build and patch hundreds of RedHat and Debian packages.(pbuilder). **License Server**: in charge of the license Server/Client to deliver license to our customers. Also maintain multiple tools and website to detect fraud using BigQuery and Finger Printing. **Perl Compiler**: maintain the Perl Compiler (B::C fork) to freeze the OpTree to a C source code then compile it with some optimizations. (Use Docker images and GitHub CI workflow) **Optimizations**: Monitor code performance and identify regression. **Build System**: distributed build system to build binaries using a Queue **Tests Servers**: contribute to speed up the product test suite. **Elevate**: maintain tools to upgrade customers from CentOS 7 to AlmaLinux 8. Support for **new distros**: Ubuntu 20/22, AlmaLinux 8/9… Help enforce good practice: cPstrict, cplint, Test::Cpanel::Policy …
Weborama, Paris France R&D Manager Sept. 2007 – Oct. 2011	Research & development manager: build and lead a team of 16 developers Actor in the acquisition and merge process of Adrime's technical team Executive committee member. Managed architecture migration to a private cloud computing. (~500 millions daily http requests)

Education

Sept. 2000 – June 2003	**E.P.I.T.A.** Villejuif, France: Master's degree in engineering in computer sciences - graduated cum laude Specialisation in **Cognitive Science & Artificial Intelligence (S.C.I.A.)**
July 2000	admitted to **E**cole **S**péciale **M**ilitaire **Saint-Cyr** (French army officer training)
Sept. 1999 - June 2000	Lycée Champollion, Grenoble, France - **MP** (mathematics special)
August 1997 - June 1999	Lycée militaire d'Autun, France - Preparatory Cycle **MPSI** / **MP** (mathematics, physics)
June 1999	Université Jean Monnet, St Etienne ; France - Diploma of Higher Education in Mathematics
Sept. 1996- June 1997	French **A level** in **Mathematics and Physics** with distinction

Additional information

Languages	**French** : mother tongue **English** : Intermediate spoken, fluent written **Spanish** : Beginner level
Open source community	member of Houston & SLC perl mongers, TPC / YAPC, speaker and co-organizer p5p member, took part of several tool chain summits and hackathon (QA hack, MetaHack, …)
Fields of interests	Website creation (~12 domains) Technological watch. mathematics, video games, saxophone player, swimming, hiking and traveling