

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, Go, 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 Ecole Spéciale Militaire 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