

Nicolas Rochelemagne

AI Engineering Leader | Agentic Orchestration Specialist

Eden, UT | French/American Dual Citizen | U.S. Work Authorization | nicolas@rochelemagne.com | (406) 218-6899
atoomic.org | github.com/atoomic | linkedin.com/in/atoomic

PROFESSIONAL SUMMARY

Technology leader with 20+ years of engineering experience, now focused on AI-driven development and agentic orchestration. Proven track record leading teams of 15+, managing 500M+ daily request architectures, and driving AI transformation. Expertise in multi-agent systems, RAG pipelines, LLM integration (Claude Code, Anthropic SDK, GitHub Copilot), and spec-driven development.

CORE SKILLS

AI & Agentic: Agentic Orchestration, Multi-Agent Systems, Claude Code, Anthropic SDK, RAG Pipelines, Prompt Engineering, LLM Integration, AI-Assisted Development, GitHub Copilot, Spec-Driven Development, Vector Databases, Embeddings, TensorFlow

Languages: Perl, Python, Go, C, XS, JavaScript, TypeScript, PHP, Ruby

Frameworks: Flask, NextJS, Mojolicious, Ruby on Rails, React, Angular

DevOps & Infrastructure: Docker, Docker Compose, GitHub Actions, CI/CD, RPM/DEB Packaging, Linux, Traefik, Railway, Travis CI, Nginx, Apache

Data & Databases: BigQuery, MySQL, MariaDB, Percona, PostgreSQL, Vector Databases

PROFESSIONAL EXPERIENCE

WordPress Department Manager

September 2025 - Present

WebPros | Remote

- Lead engineering teams across WP Squared, WordPress Toolkit, WP Guardians, and the Nova AI website builder initiative, overseeing strategic alignment and technical coordination across multiple product lines
- Champion Agentic Orchestration adoption across development teams, deploying AI agents for planning, implementation, code review, and security checks throughout the software development lifecycle
- Drive AI transformation in web hosting, enabling customers to build and publish websites in minutes instead of weeks through AI-powered creation tools

Technical Lead Manager - cPanel & WHM

October 2023 - August 2025

WebPros | Remote

- Led a diverse team of 15 professionals in developing WP Squared, an all-in-one WordPress management solution for the hosting industry
- Integrated third-party AI tools including Extendify to enhance platform website creation capabilities
- Aligned team OKRs with company strategic vision; drove PHP and API optimization initiatives improving platform performance

CTO & Innovation Consultant

May 2024 - Present

Emoticonnect | Remote

- Lead mission to harness emotional intelligence and predictive analytics to transform client interactions, integrating neuro-cognitive sciences with cutting-edge AI
- Architect AI systems using TensorFlow, RAG pipelines, and big data web scraping to provide businesses with deep insights into customer emotions and behaviors
- Recognized at the ESSEC Business School / Accenture Grand Prix as a leader in "AI for Responsible Leaders" innovation

Technical Architect

2024 - Present

Anantys | AI-Powered FinTech Platform

- Architect AI-integrated financial platform featuring automatic news detection, AI portfolio agents, and real-time market analysis for investment management
- Designed full-stack architecture using NextJS, Flask, Railway, Docker Compose, Traefik with Stripe payment integration and CI/CD pipelines via GitHub Actions

Senior Developer III

November 2011 - March 2024

cPanel Inc. | Houston, TX

- Maintained infrastructure for building hundreds of RedHat/Debian packages; owned the license server and fraud detection systems (BigQuery, fingerprinting)
- Maintained the Perl Compiler (B::C fork); built distributed build system; accelerated test suites using Docker and GitHub CI workflows
- Created Elevate tool (CentOS 7 to AlmaLinux 8 migration); added Ubuntu 20/22 and AlmaLinux 8/9 support; enforced code quality via cPstrict, cplint

R&D Manager | Executive Committee Member

2003 - 2011

Weborama | Paris, France

- Built and led 16-developer team across Frontend, API, and Big Data groups; architected infrastructure handling 500M+ daily HTTP requests across five countries
- Key actor in Adrime acquisition and technical team integration; managed private cloud migration; drove AI-driven profiling and ad optimization

EDUCATION

EPITA - Ecole d'Ingenieurs en Informatique | 2000 - 2003

Master's Degree in Engineering, Computer Science - Graduated Cum Laude
Specialization in Cognitive Science & Artificial Intelligence (S.C.I.A.)

Ecole Speciale Militaire Saint-Cyr | 2000

Admitted - French Army Officer Training Academy

Preparatory Classes MPSI/MP (Mathematics & Physics) | 1997 - 2000

Lycee Champollion, Grenoble & Lycee Militaire d'Autun

OPEN SOURCE & COMMUNITY

CPAN Author & p5p Member: Maintainer of B::COW, Simple::Accessor, Clone, Slack::WebHook. Built grep.metacpan.org. **Speaker & Organizer:** YAPC/TPC, Houston & SLC Perl Mongers, Toolchain Summits, QA Hack, MetaHack. **Languages:** French (Native), English (Professional), Spanish (Basic).