Nicolas Hermet

Software Engineer · Experience: 14 Years

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TECHNICAL SKILLS

Languages: Ruby, Javascript/Typescript, HTML/CSS
Web: Rails, Hotwire/Stimulus, Next.js

Databases: Postgres, Redis
Systems: Git, CI/CD (Github Actions, Jenkins), Docker, Heroku, Scalingo, private VPS

WORK EXPERIENCE

Fullstack Software Engineer — 8 months
Lisaia (full remote) — *Feb 2024 - Oct 2024*
- Served as a software engineer for a medical startup focused on simplifying and industrializing communication between doctors and patients.
- Owned web application features end to end.
- Secured and handled sensitive medical data.
- Stack: Ruby on Rails 7.1, RSpec, Stimulus, Sidekiq, Github Actions, PostgreSQL, Redis.

Tech Lead — 1.5 years
Axomove (full remote) — *Sep 2022 - Feb 2024*
- Managed and mentored a team of four.
- Taught design patterns, OOP principles, and engineering best practices.
- Designed the platform architecture.
- Implemented CI/CD pipelines.
- Implemented testing best practices with RSpec.
- Increased automated test coverage from 10% to 60%.
- Secured and handled sensitive medical data.
- Stack: Ruby on Rails 5.2-6.1, RSpec, Vanilla JS, Github Actions, PostgreSQL, Git.

Fullstack Software Engineer — 4 years
Freelance (full remote) — *Aug 2021 - Present*
- Delivered engagements for several clients.
- Mentored interns and apprentices.
- Refactored test suites to increase coverage from 40% to 80%.
- Stack: Ruby on Rails 5.2-8.x, RSpec, Vanilla JS, PostgreSQL, Docker, Github Actions, Next.js, Angular, Vue.js.

Software Engineer — 5 months
Cardiologs (full remote) — *Feb 2021 - Jun 2021*
- Served as a backend software engineer for a medical startup that aims to diagnose heart diseases from ECGs.
- Implemented new endpoints to integrate with Apple Health for ECG data.
- Stack: Ruby on Rails 6.x API, RSpec, Docker, Jenkins, Sidekiq, PostgreSQL.

Team Lead & Software Engineer — 2 years
ADN France (full remote) — *Dec 2018 - Jan 2021*
- Delivered backend features for a low-voltage cabling management solution.
- Migrated software from Flash to Angular.
- Managed the project and led a team of four developers.
- Optimized team workflow to increase production speed by a factor of 12.
- Stack: Angular 6.x-8.x.

Aeronautical Engineer — 6 years
Safran / Airbus — *Dec 2010 - Nov 2016*
- Held several aeronautical engineering positions.
- Built and managed cross-functional teams.
- Increased flight test data analysis throughput by a factor of 10.
- Secured a EUR 1M framework agreement for Safran on Airbus A320NEO big data operations.
- Led an IoT innovation project on connected tools for satellite transportation.

EDUCATION

Mathematical Modelling Engineer   **2007 - 2010**
ENSEIRB-MATMECA - Master's in Computer Science and Computer Engineering
Web Development Bootcamp   **2018**
The Hacking Project

EXTRACURRICULAR ACTIVITIES

- **Racing Driver** in Historic Formula Ford (2022) as Michel Vaillant; world championship go-kart finalist in 2015 and 2016.
- **Music and Blogging**