

Anatoli Nicolae

Multidisciplinary Solution Architect and Creative Director in Turin, Italy | 26 years old
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A creative director, a software engineer, a solution architect, an entrepreneur. Building the best product experiences, orchestrating and scaling up the next project, and growing through tech experiments in the free time.

EXPERIENCE

Co-Founder, Software Engineer

May 2021 - Present

Hypebun

Co-founded a digital presence enhancement platform for content creators to better understand their audience and interact in a more meaningful way.

- Engineered a **highly available database cluster** based on MariaDB/MaxScale;
- Implemented an **automated add-on domain SSL certificates issuance** process;
- Implemented connection pooling, tweaked back-end tools and PHP-FPM cache to increase performance under sustained load.

Tech Lead

Apr 2021 - Present

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Front-end and back-end ownership determined by a decisional role in the choice of stack and application development of company's projects collaborating with the other teams.

- Researched and implemented major UI and UX design patterns on a WooCommerce shop, designing a lean experience throughout all available end-user devices;
- Implemented a CRM/casting-management system with video capture/upload and processing using WebRTC and ffmpeg.

Senior Full-Stack Developer

Nov 2017 - Present

Poker S.p.A.

Full stack developer working on deployments, integrations and maintenance of **high performance, clustered and distributed apps**. Mainly focused on SugarCRM-related development in PHP, ERP custom mobile applications using React Native and Flutter, ERP REST APIs in Node, ERP-DMS integrations in C# or other programming languages.

- Designed a cluster system architecture for web (Apache, PHP-FPM), database (MySQL) and proxy (ProxySQL, nginx) using Docker for a sustained 250 concurrent users load;
- **Reduced deployment times and configuration-level errors** by implementing Ansible-based idempotent infrastructure as code for DevOps team (full deploy under 30 minutes);
- **Automated CI/CD pipeline** for internal software (images, modules and projects);
- **Reduced response time by 70%** through troubleshooting, debugging and refactoring software applications and performance testing and analysis of the web services.

Founder, Software Engineer

Feb 2012 - Present

thundersquared

Self-started web agency for **building, maintaining and supporting scalable solutions**. Agency's side projects include website and custom CMS development based on Laravel and other frameworks, design, marketing strategy and branding-related services. Over the years, tightened technical and infrastructure partnerships with DigitalOcean, Red Hat and Zendesk.

- Built **high-throughput, reliable and secure hosting platform** capable of handling more than 25,000 sales per day (\$1 million per day) in WooCommerce orders;
- Optimized CDN for edge caching and **lower outbound traffic costs**;
- **Developed and contributed to open-source** WordPress plugins and PHP packages, and full-stack projects.

EDUCATION

High School Diploma - Information and communications technology

Sep 2011 - Jul 2016

IIS "GIUSEPPE PEANO"

Torino, IT

SKILLS

Expert in: PHP, Node, JavaScript, Docker, Flutter, React, React Native, CSS3, HTML5

Intermediate in: Vue.js, Python, Java, C++, C#, Docker Swarm, Ansible, MySQL, Git

Basic in: Podman, Redis, mongoDB, Postgres, Go (Golang), Rust, Jenkins, Travis CI