

Anatoli Nicolae

Multidisciplinary Solution Architect and Creative Director in Turin, Italy
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Backend development in PHP and Node for 10+ years, frontend development with design systems & JS frameworks for 10+ years, cloud architecture paired to process automation, mobile development in React Native and Flutter for 5 years, mixed with user interface and experience studies to build the best products possible.

EXPERIENCE

Full-Stack Software Engineer

2023 - Present

Fiscozen

Software engineer in a fast-paced environment with very strict deadlines, developing a full-stack application in Django and Vue to improve business operations of Italian companies by optimizing fiscal management in accounting dept.

- Improved UX by implementing a way more detailed and **flexible data structure for document enrichment** on the platform for operational consultants and VAT declaration stakeholders;
- Defined application proxy scope and feature implementation for accounting stakeholder teams access;
- Fixed and **improved tests and application's server reliability** during a rush period of the year;
- Studied and prioritized stories in the Scrum Master role during backlog refinement;

Full-Stack Software Engineer

Nov 2017 - 2023

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 highly-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);
- Built a digital signature integration for a DMS to reduce office workload and automate form processing;
- **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 (valued at \$1 million) 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.
- Implemented a CRM/casting-management system with video capture/upload and processing using WebRTC and ffmpeg.
- Contributed to open-source software to **improve self-hosting rate** through automated Docker image builds

EDUCATION

High School Diploma - Information and communications technology
IIS "GIUSEPPE PEANO"

Sep 2011 - Jul 2016
Torino, IT

SKILLS

Expert in: PHP, Laravel, Node, JavaScript, TypeScript, React, React Native, Vue, Ansible, Docker, Flutter, GraphQL
Intermediate in: Python, Django, Docker Swarm, MySQL, Postgres, Git, Podman, New Relic, GitHub/GitLab CI
Basic in: C++, C#, Java, Redis, MongoDB, Go (Golang), Rust, Svelte, Telegraf, Jenkins, Travis CI, Datadog

CERTIFICATIONS

[Data Strategy \(Learnn\)](#), [Data Monetization \(Learnn\)](#), [Data Driven Marketing \(Learnn\)](#), UAV Pilot License (ENAC)