GIANCARLO PAPA

Senior Full Stack Engineer – Cloud Platform & AI Engineering

✉ giancarlo.papa@gmail.com

☎ +41 76 337 13 75

📍 Elsau Zurich, CH · Im Halbiacker 1a, 8352 Elsau Zurich

🌐 giancarlopapa.com

github.com/gpx75

linkedin.com/in/gpapa

Senior Full-Stack Engineer across PHP, Python, and JavaScript — shipping scalable, secure applications with Laravel, Vue.js, and React on cloud-native, containerised infrastructure. I architect enterprise APIs, identity systems, and data platforms: LDAP, Salesforce, CRM integrations, CI/CD pipelines, and Docker-based delivery workflows — built for control and long-term maintainability.From AI-powered interfaces to call center platforms and structured data pipelines, I engineer systems that organisations depend on — reliable, performant, and built to last.

🏢 PROFESSIONAL EXPERIENCE

Jan 2012 – Present

Zurich, Switzerland

Senior Full Stack Engineer – Cloud Platform & AI
Sunrise Communications AG

Long-term ownership of internal platforms and progressive responsibility spanning advanced technical support, application engineering, cloud platforms, data, Salesforce, and AI engineering in a leading Swiss telecommunications environment.

– Designed, built, and operated business-critical internal platforms used across multiple departments at scale.
– Led platform modernization from legacy PHP/JS to Laravel 12, Vue 3, and Nuxt 3; migrated infrastructure from RHEL 6/7 to RHEL 9 with Docker adoption and CI/CD pipelines (GitLab, Jenkins).
– Architected cloud-native services on Google Cloud Platform (GCP) covering compute, networking, IAM, and Cloud Run.
– Delivered applied AI solutions including LLM integrations with Google Vertex AI and Gemini for enterprise automation and customer service efficiency.
– Integrated Oracle and MySQL backends with LDAP/AD authentication across enterprise systems.
– Salesforce development and system integrations with enterprise interoperability.

☆ EARLY CAREER & FOUNDATION (PRE-2012)

Jan 2005 – Dec 2011

Palermo, Italy

Full Stack Web Developer / System Engineer
Sicilia On Line Srl

Lead Full Stack Web Developer for a high-traffic regional newspaper platform, with end-to-end responsibility for application development, platform architecture, and Linux-based operations.

– Led backend and frontend development ensuring reliability and performance under continuous editorial load.
– Drove platform evolution through major redesigns, optimizations, and third-party integrations.
– Managed LAMP server configuration, high-availability infrastructure, SEO, and analytics integrations.

🔧 TECHNICAL SKILLS

Core Engineering

- PHP
- Laravel
- JavaScript
- Vue.js
- HTML5
- CSS
- RESTful APIs
- Service-oriented design

Cloud & Platform

- Google Cloud Platform (GCP)
- Docker
- Linux (Debian / Ubuntu / RHEL)
- CI/CD pipelines
- Cloud Run
- Application deployment & automation

AI & Data Engineering

- Applied AI / LLM integration
- Vertex AI
- Gemini
- AI-assisted tooling
- Big data platforms
- Analytics-oriented development

Salesforce & Enterprise

- Salesforce development
- Platform customization
- Enterprise interoperability
- LDAP / AD
- Enterprise data integration

Databases & Storage

- MySQL
- Oracle
- PostgreSQL
- SQL design & optimization
- Data modeling

DevOps & Networking

- TCP/IP
- DNS
- HTTP/S
- SSL / SSH
- System hardening
- Performance optimization
- Git
- Shell scripting

🌐 LANGUAGES

Italian (— Native) | **German** (— Fluent (business level)) | **English** (— Fluent (business level)) | **French** (— Basic knowledge)

🎓 EDUCATION

Accounting & Computer Science studies

Diploma · Accounting & Computer Science
1991 – 1997

😊 INTERESTS & HOBBIES

Sports

- Mountain biking
- Running
- Swimming

Lifestyle

- Cooking
- Gardening
- DIY
- Woodworking

Creativity

- Digital Design
- Furniture Restoration
- Modding