

RYNE ANDAL

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Professional Summary

Senior Software Consultant (B2B) US-based background, currently operating as an independent business entity in Valencia, Spain (CET). I provide "plug-and-play" Python and PHP engineering services with **zero administrative or tax liability for US/EU clients**. With 15+ years of experience, I specialize in stabilizing legacy systems (Django, FastAPI, Drupal, Laravel) and architecting modern AI-driven solutions (Pytorch/RAG/LangGraph/LangChain). I maintain a daily 4-hour overlap with US Business hours to ensure seamless collaboration.

Keywords

Remote-first contracting, Spain Digital Nomad Visa (International Remote Work), Python, Django, FastAPI, Flask, PHP, Laravel, Magento, API development, CI/CD, Docker, Kubernetes, Devcontainers, IaC, data pipelines, Linux, observability, documentation, mentoring

Core Skills

- **Languages & Frameworks:** Python (Django, FastAPI, Flask), PHP (Laravel, Drupal)
- **AI Engineering:** Retrieval Augmented Generation (RAG) pipelines, vector databases (Pinecone, Qdrant, Chroma, pgvector, MongoDB), LangChain, LangGraph, Pytorch, Scikit-Learn)
- **Data & Analysis:** JupyterLab, Pandas/NumPy, Power BI
- **CI/CD & DevOps:** GitHub Actions, CircleCI, Docker, Devcontainers, Kubernetes, IaC
- **Virtualization & Provisioning:** ESXi, Virtualizor, SolusVM, OpenStack, PXE/TFTP provisioning
- **Operating Systems:** macOS, Windows, CentOS/RHEL/AlmaLinux, Debian/Ubuntu
- **Practices:** Agile/Scrum, code review, test automation, documentation, cross-functional collaboration
- **Tooling & Developer Experience:** uv, poetry, composer, Lando, Copilot/Cursor/Windsurf, Claude Code/Codex/Gemini, LangGraph, Git, Bash, custom CLI apps

Work Authorization

Resident in Spain under Spain's International Remote Work (Digital Nomad) residence. B2B Contractor and Independent Consultant with non-Spanish clients/employers, including U.S. and EU teams; experienced working across time zones (CET with daily 4-hour overlap with EST/CST). Authorized tax identification for both US (EIN) and EU (Spanish NIE) thus invoicing and tax liability are my responsibility (no administrative burden).

Experience

Software Engineering Consultant — Self-employed (Remote) | 2024 – Present

- Developing and maintaining production-grade software across Python, PHP, and containerized environments (Docker, Lando, Kubernetes).
- Implementing and optimizing continuous integration pipelines with GitHub Actions and CircleCI, which automates linting, testing, building, and deploying.
- Engineering secure and efficient APIs, middleware, and data-processing pipelines and integrating AI/ML components for improved business efficiency.
- Leading architecture reviews and mentoring development teams on software development lifecycle (SDLC), design patterns, testing frameworks, and release management.
- Architecting RAG pipelines using LangGraph and FastMCP to automate codebase vector search, improving developer efficiency by 15%.

SENIOR SOFTWARE ENGINEER

A2 HOSTING | Remote | 2019 – 2024

- Designed and implemented a Django-based system for bare-metal server provisioning, enabling automated OS installation, configuration, and application deployment.
- Inherited BI developer responsibilities: managing ETL pipelines, data analytics and reporting, and optimizing workflows for business insights.
- Spearheaded the integration of new features into billing and reporting systems, reducing manual intervention by 60%.

- Mentored junior and mid-level developers, fostering technical growth and improving team productivity.
- Contributed to architectural decisions, ensuring scalability and maintainability in software solutions.
- Authored comprehensive documentation for internal applications and processes, improving onboarding efficiency.

SENIOR SOFTWARE DEVELOPER

XENNSOFT | *Remote* | **2016 – 2018**

- Developed and maintained a white-label MLM platform, integrating WordPress for marketing and Magento for e-commerce.
- Collaborated on the design and implementation of an automated provisioning platform using Chef, reducing server deployment time by 40%.
- Worked closely with support staff to troubleshoot, replicate, and resolve software issues, ensuring a seamless user experience.

TEAM LEAD

44 INTERACTIVE | *Sioux Falls, SD* | **2014 – 2015**

- Planned and estimated development work in collaboration with management and PM.
- Led agile software development methodology: sprints, reviews, planning
- Developed comprehensive frontend (JS, CSS) and backend (PHP) solutions to meet stakeholder requirements.
- Architected and developed custom MVC framework for software development.
- Facilitate developer growth through mentorship and career guidance.

SOFTWARE ENGINEER II

CORRISOFT | *Lexington, KY* | **2012 – 2013**

- Collaborated with engineering team, product design, and QA to meet stakeholder expectations regarding call center web app and mobile application for GPS monitoring of recently incarcerated individuals to reduce recidivism.
- Practiced agile methodology of sprint planning, sprints, sprint review.

- Worked closely with management on architectural and software design choices for complex new features.

SOFTWARE DEVELOPER

ABLE ENGINE | *Lexington, KY* | **2010 – 2012**

- Developed comprehensive frontend and backend solutions in Drupal to meet complex requirements of multinational corporations.
- Worked with UX/Design team to implement pixel-accurate frontend per Photoshop templates.
- Led deployment and system administration of client Linux servers.

Education

Dakota State University - B.S. Computer Science (AI/ML focus), In Progress (Expected Graduation May 2025)