Yurii Panchenko



Senior TYPO3 & AI Platform Engineer

- Enterprise TYPO3
- Backend
- DevOps
- AI Integration
- Platform Architecture

Remote
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PROFESSIONAL SUMMARY

Senior TYPO3 & AI Platform Engineer with 25+ years of software engineering experience and 10+ years specializing in enterprise TYPO3 platforms, backend systems, API integrations, and production infrastructure.

I help organizations modernize enterprise TYPO3 platforms by integrating Artificial Intelligence into existing business workflows while preserving stability, scalability, and long-term maintainability.

My expertise combines enterprise TYPO3 architecture, backend engineering, REST APIs, Docker-based infrastructure, DevOps automation, and AI-powered content processing to build configurable platforms for publishing, partner integrations, and business automation.

Experienced in designing reusable platform architectures, integrating third-party services, modernizing legacy systems, and delivering production-ready solutions for international clients.

CORE COMPETENCIES

- Enterprise TYPO3 Platforms
- AI Integration & LLM Workflows
- Platform Architecture
- Backend Development
- Configuration-Driven Architecture
- REST API Integration
- Enterprise CMS Modernization
- Docker & DevOps
- CI/CD Automation
- Performance Optimization
- Partner Integrations
- Production Support

PROFESSIONAL EXPERIENCE

Senior TYPO3 & AI Platform Engineer

pr-TYPO3.com · Self-employed
Apr 2017 – Present · Remote
Design, development, modernization, and long-term support of enterprise TYPO3 platforms, backend systems, publishing solutions, e-commerce platforms, AI-powered content workflows, and Docker-based infrastructure for international clients.

Key responsibilities:

- Design and develop enterprise TYPO3 platforms using TYPO3 v7–v14.
- Build custom TYPO3 extensions with Extbase, Fluid, TypoScript, PHP, JavaScript, and SQL.
- Design configurable platform architectures that minimize hardcoded business logic and maximize solution reuse.
- Develop scalable partner integration architectures for structured external data processing.
- Design and implement AI-powered content processing workflows supporting automated ingestion, classification, enrichment, and publishing.
- Integrate REST APIs, OAuth2, SAML, CRM systems, payment providers, and external business services.
- Design Docker-based development and production environments.
- Automate build, testing, deployment, and release workflows using GitLab CI/CD.
- Modernize legacy enterprise systems and migrate TYPO3 installations across major versions.
- Optimize performance, Core Web Vitals, SEO, and production reliability.
- Provide long-term production support for enterprise platforms serving international customers.

Selected projects included enterprise CMS platforms, publishing systems, access management solutions, e-commerce platforms, AI-enabled content platforms, and high-traffic TYPO3 websites.

PRTUR.com AI-powered Travel Intelligence Platform based on TYPO3	• Designed a configurable enterprise platform combining TYPO3 with AI-powered content processing. • Developed reusable partner integration architecture supporting scalable onboarding of external content providers. • Designed and implemented configurable workflows for automated content ingestion, normalization, classification, enrichment, and publishing. • Built configuration-driven processing pipelines supporting multiple projects without project-specific business logic. • Developed backend services and reusable platform components supporting scalable AI integration. • Designed Docker-based development and production infrastructure with automated deployment workflows.
GAGE.news AI-powered News Aggregation Platform	• Developed an automated news aggregation and publishing platform based on TYPO3. • Built RSS ingestion and publishing workflows. • Designed configurable content classification and metadata enrichment workflows prepared for AI integration. • Implemented AJAX-based frontend rendering. • Built Docker-based deployment infrastructure and CI/CD automation.
MOM.TRAVEL TYPO3 Community & E-Commerce Platform	• TYPO3 v13 platform development. • Aimeos e-commerce integration. • PayPal Checkout integration. • Publishing workflow implementation. • Automated news aggregation. • Extensible platform architecture prepared for AI-assisted travel content processing. • Docker infrastructure and GitLab CI/CD automation.

Proliance.ai Enterprise TYPO3 Platform Modernization	• Enterprise TYPO3 platform modernization. • Docker infrastructure. • CI/CD automation. • REST API integrations. • OAuth2 and SAML authentication. • Production deployment automation.
aerosolverband.de Enterprise TYPO3 Access Management Platform	• Complex access management system. • Secure document management. • TYPO3 integration with fal_securedownload. • Docker infrastructure. • GitLab CI/CD automation.
musikundbuehne.de TYPO3 Migration & Backend Development	• TYPO3 v7 → v11 migration. • Backend development. • AJAX event search. • Complex application forms. • HTML email workflows. • Integration of EXT:news, tt_address, and DataTables.
AlphaCleaningCompany.com TYPO3 Performance Optimization	• TYPO3 v13 implementation. • SEO optimization. • Core Web Vitals improvements. • WebP optimization. • GitLab CI/CD pipelines. • Production deployment automation.

IT Analyst
DIVOMED LLC
May 2014 – Sep 2017 · Kyiv Region, Ukraine

Participated in development and modernization of web-based business systems, CRM-related workflows, and digital platform infrastructure.

Key areas:
• Business process analysis.
• Web platform development.
• CRM integration workflows.
• Technical planning and system coordination.

IT Director
Palmira-Complex LTD
May 2011 – May 2014

Managed IT-related operations, digital infrastructure, and web platform development for internal business systems and online marketing initiatives.

Key areas:
• IT operations management.
• Digital infrastructure.
• Web platform development.
• Business process coordination.

IT Specialist
Beward Ltd
Aug 2008 – May 2011

Worked on web development, digital systems, and technical infrastructure solutions, including video surveillance technologies and mobile applications.

Key areas:
• Web application development.
• Technical infrastructure.
• Video surveillance technologies.
• Mobile solutions.

Software Developer
Ingenico
Jun 2001 – Jul 2008 · Istanbul, Turkey

Worked on software development and deployment of banking and payment processing solutions for POS-terminal infrastructure in the Turkish banking sector.

Key areas:
• Banking software development.
• POS-terminal systems.
• Payment processing solutions.
• Financial infrastructure support.
• Technical deployment and maintenance.

TECHNICAL STACK

AI & Platform Engineering:
• AI Integration • LLM Workflows • Prompt Engineering
• Workflow Automation • Content Processing

Backend:
• PHP • JavaScript • Node.js
• REST APIs • SQL • MySQL • Redis

TYPO3:
• TYPO3 v7–v14 • Extbase • Fluid
• TypoScript • TCA • Custom Extensions • Migrations

DevOps:
• Docker • Docker Compose • GitLab CI/CD • Linux
• Nginx • Apache • PHP-FPM • Traefik

Integrations:
• OAuth2 • SAML • CRM Systems
• Aimeos • PayPal Checkout • External APIs

EDUCATION

Donetsk National University (Ukraine)
Faculty of Mathematics — Applied Mathematics

Donetsk Institute of Law (Ukraine)
Department of Economic Law — Lawyer

LANGUAGES

• English — Intermediate
• Turkish — Intermediate
• Ukrainian — Advanced
• Russian — Advanced