

RĂZVAN-TRAIAN BODNARIU

Senior Software Engineer | SaaS Product Engineer

Râșnov, Brașov, România | +40 775 278 326

razvan.bodnariu@gmail.com | <https://linkedin.com/in/razvan-bodnariu> | <https://webrt.eu>

Portfolio: <https://razvan-traian.ro>

Featured SaaS Products: WeBRT Go•Help-Cazare•WeBRT Platform

PROFESSIONAL SUMMARY

Senior Software Engineer with 26+ years of programming experience, specialized in designing and delivering production-ready SaaS platforms, REST APIs and business automation systems.

Recent work includes payment processing (Stripe), Romanian ANAF e-Factura integration, cloud-native deployments, AI-assisted development, digital identity platforms and hospitality compliance solutions.

Experienced in delivering complete software products — from architecture and backend development to deployment, documentation and long-term maintenance.

CORE COMPETENCIES

- Software Architecture
- System Design
- SaaS Platforms
- REST APIs
- Distributed Systems
- Cloud-native Development
- Business Automation
- AI-assisted Development

KEY NUMBERS

- 26+ years of programming experience
- 200+ projects delivered
- 25+ production applications
- 40+ API integrations
- Zend PHP Certified Engineer (2022)

SELECTED ACHIEVEMENTS

- Operated and maintained high-availability healthcare and enterprise systems in large-scale distributed environments, ensuring predictable system behavior under operational constraints and long lifecycle conditions
- Reduced production incidents by 40% through improved observability, centralized logging, and reliability-focused architecture, enabling faster detection, isolation, and mitigation of system-level failures
- Delivered 40+ integrations across enterprise, media, and industrial ecosystems, ensuring controlled data exchange and consistent interoperability across distributed system boundaries
- Designed and maintained backend systems with a strong focus on system decomposition, fault isolation, and secure-by-design principles for complex operational environments
- Improved system observability and monitoring pipelines, enabling earlier detection of reliability and security-related deviations in production systems
- Modernized legacy platforms (PHP 5.6 → 7.4/8.x), applying controlled migration strategies to reduce technical debt and maintain system stability across lifecycle evolution

- Designed and scaled cloud-based data ingestion pipelines processing 2M+ records/month, focusing on data integrity, throughput control, and failure handling in distributed flows
 - Automated operational and billing workflows, reducing manual intervention by ~70% through process standardization and system-level automation
 - Improved API performance by up to 25% in high-traffic systems through workload analysis, query optimization, and architecture-level tuning
-

SKILLS

Languages

PHP 8.x, TypeScript, JavaScript, SQL, Python

Frameworks

Laravel, Livewire 3, Filament 4, React, Vue, Tailwind CSS

Architecture & Design

System Design, Software Architecture, Distributed Systems, Microservices, Event-Driven Architecture, SOLID, Design Patterns

Cloud & DevOps

Git, GitHub, Docker, Google Cloud Platform, GitHub Actions, Jenkins, CI/CD, Linux, Nginx

APIs & Integrations

REST APIs, Stripe, Romanian ANAF e-Factura, OAuth, Webhooks, SMTP, SOAP

Databases

MySQL, PostgreSQL, MSSQL, Redis

AI

Claude Code, ChatGPT, AI-assisted Software Development, Prompt Engineering, Agentic Workflows

PROFESSIONAL EXPERIENCE

Self-employed Backend Architect & Full-Stack Engineer

Bodnariu Razvan PFA | Jul 2025 – Present

- Designed, developed and launched multiple production-ready SaaS products and reusable business platforms.
 - Built WebRT Go, a digital profile platform with NFC & QR cards, OTP authentication and Stripe billing.
 - Built Help-Cazare, a guest check-in and hospitality compliance platform with AES-256 encrypted guest registration and document storage.
 - Developed eFactura API, a REST API automating invoicing and Romanian ANAF e-Factura compliance, reducing manual invoicing effort by ~70%.
 - Developed Web Auditor, an SEO, security, accessibility and performance auditing platform for production websites.
 - Designed a shared platform architecture (authentication, billing and document management) reused across all products, deployed on Docker and Google Cloud.
 - Testing & QA: PHPUnit, Codeception, Selenium, Python
 - Extended system engineering scope to real-world infrastructure environments, including IP-based surveillance systems deployment and network configuration, improving connectivity, system reliability and remote access capabilities.
-

Senior Software Engineer

Cedara Tech SRL | Dec 2023 – Dec 2025

- Designed and implemented Laravel ingestion & transformation services integrating with Google Cloud Storage in a cloud-native architecture, processing 2M+ records/month.
- Built 20+ API integrations for media providers, improving data freshness by 60% and enabling new revenue channels.

- Reduced production incidents by 40% by implementing centralized logging (GCP Logs), Sentry alerts, and improved caching strategies.
 - Automated CI/CD pipelines using Jenkins and GitHub Actions to enable daily releases with rollback capabilities.
 - Developed Carbon Estimation API used by enterprise customers for sustainability reporting.
 - Testing using PHPUnit, Selenium & Python
-

Senior Software Engineer

plentymarkets | Mar 2023 – Jul 2023

- Developed high-traffic Laravel APIs for large-scale e-commerce platform.
 - Improved API response time by ~25% via query optimization and caching.
 - Contributed to Vue Storefront features enhancing frontend performance.
 - Worked in distributed teams with strict code-review culture improving release quality.
 - Testing using PHPUnit, Codeception
-

Senior Software Engineer

Nagarro iQuest | Sep 2022 – Mar 2023

- Implemented production-ready features in enterprise Laravel systems.
 - Refactored legacy modules reducing technical debt and future maintenance cost.
 - Participated in architecture reviews improving long-term scalability.
 - Improved code quality standards through structured peer reviews.
 - Testing using PHPUnit, Selenium
-

Application Developer - Platform-Based Systems (Health & Security Domains)

Atos IT Solutions and Services | Mar 2018 – Sep 2022

- Operated and maintained mission-critical enterprise systems for Siemens Healthineers, including healthcare workflow platforms under strict availability and reliability requirements
- Replaced Windows-based Java services with PHP microservices, simplifying infrastructure and improving system stability
- Migrated legacy PHP 5.6 systems to PHP 7.4, reducing technical debt and improving maintainability
- Built internal monitoring and alerting tools, reducing incident detection time and improving MTTR
- Integrated SAP via JSON/SOAP APIs for critical enterprise workflows
- Testing using PHPUnit, Codeception

Application Developer - Platform Extensions (Security & Emergency Systems)

Atos IT Solutions and Services | Feb 2015 – Feb 2018

- Maintained 6 enterprise systems for Siemens Security Department, including emergency response applications operating under strict high-availability requirements
 - Implemented Google Maps-based features for operational planning, including PDF export for reporting workflows
 - Built a secure email system using digital certificates, ensuring encrypted and authenticated communications
 - Testing using PHPUnit, Codeception
-

EARLIER EXPERIENCE (1999-2014)

Built experience in systems engineering, infrastructure administration, and software development across education, industrial, and SME environments.

Key experience:

- Designed and operated IT infrastructure environments, including network setup, hardware deployment, and system administration (Linux, Windows, Active Directory)
- Built and deployed a full IT lab environment from scratch, including physical cabling, network configuration, and system provisioning for an educational/research center
- Developed and maintained web applications, CMS platforms, and internal systems used in educational and business environments (PHP-based stacks)
- Implemented automation and scripting for infrastructure and data management tasks, including network inventory, system tracking, and internal tooling
- Delivered commercial software products and client-specific web systems used in production environments

Technical background (historical): PHP, HTML, CSS, JavaScript, MySQL, C++, FoxPro, Linux/Windows systems, networking, Active Directory

EDUCATION

Bachelor of Computer Science, 2010

Transilvania University of Braşov – Computer Science, 180 ECTS

CERTIFICATIONS

Zend PHP Certified Engineer (2022-07-27 – ID: [ZEND033315](#))

LANGUAGES

- English – Professional working proficiency
- French – Basic proficiency