

Cristian Victor Paraschiv

Senior Backend Technical Lead

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Professional Summary

Senior Backend Technical Lead with 12+ years of experience designing and maintaining mission-critical systems. Strong background in software architecture, database optimization, and multi-language backend development. Proven track record of leading cross-functional teams, mentoring engineers, and collaborating directly with clients to deliver scalable, reliable solutions. Active builder of modern full-stack applications using TypeScript, React, Next.js, and native mobile technologies.

Professional Experience

OSF Digital Iași, Romania

Senior Backend Technical Lead *2022 – present*

- Designed system architectures and led technical decision-making for a VSAT satellite network management platform.
- Collaborated directly with clients to gather requirements and produce detailed technical design documentation.
- Ensured system reliability and scalability for mission-critical satellite communication infrastructure.
- Technologies: Perl, Java, C++, MySQL, Linux, Git.

POD Lead *2019 – 2022*

- Managed epic planning, milestone coordination, and cross-departmental communication.
- Mentored engineers on best practices, code quality, and architectural thinking.
- Drove task prioritization and cleared blockers to maintain delivery velocity.

Perl Developer *2012 – 2019*

- Developed and customized a VSAT network management system using Perl as the middleware layer with C++/Java backend processes.
- Built and optimized MySQL databases, handling schema design, constraints, and query performance.
- Integrated OSS/BSS platform components for satellite telecom operations.

Personal Projects

Restok – Recipe manager with automatic importing and translation.
TypeScript, Next.js, FastAPI, PostgreSQL

Jot – Fast, minimal markdown note-taking desktop app.
Tauri, React, Rust, TypeScript

Kid Player – Child-safe Android streaming client for Jellyfin.
Kotlin, Jetpack Compose

Love Logger – Self-hosted relationship tracker with real-time sync and map pins.
TypeScript, React, Docker, PWA

NGINX Log Monitor – Real-time terminal dashboard for NGINX traffic analysis.

Python, Textual TUI

Rezerva Rapid – Appointment booking SaaS platform.

Next.js, TypeScript, Stripe, Supabase

Technical Skills

Backend: Perl (Mojolicious, Dancer, DBI, DBIx::Class), Java, C/C++, Python, FastAPI, Bash

Frontend: TypeScript, React, Next.js, JavaScript, HTML/CSS

Mobile: Kotlin (Jetpack Compose), Swift (SwiftUI)

Desktop: Tauri, Rust

Databases: MySQL, PostgreSQL, Supabase

Infrastructure: Linux, Docker, Git, CI/CD, SVN

Testing: Cypress, Playwright

Payments: Stripe

Education

Gheorghe Asachi Technical University of Iași

Master's Degree – Modern Signal Processing Techniques

2010 – 2012

Thesis: *SCPI Command Interface for a Signal Generator*

Dunărea de Jos University of Galați

Bachelor's Degree – Applied Electronics

2006 – 2010

Thesis: *Microcontroller Based Temperature Controller*

Languages

Romanian (native) · English (fluent)