

DOMINIK ŽABČÍK

Full-stack TypeScript engineer, CISO and Head of Development

Prague, Czechia
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5,529

commits, each counted once

1,106

pull requests reviewed for
teammates

565

pull requests merged

2

PCI certifications led: DSS 4.0.1
and MPoC

■ PROFILE

Backend-first engineer who leads development and security at NFCtron, a payment platform for live events, and at NFCtron Pay, which handles its card payments. I have worked across the chain: ticketing and payments in TypeScript and NestJS, bank payouts and invoicing, Android point-of-sale apps and a PCI MPoC-certified Tap to Pay terminal.

■ EXPERIENCE

CISO and Head of Development

Since Jan 2026

NFCtron, Prague

- Own security, risk, incident response and compliance with PCI and the card schemes; led PCI DSS 4.0.1, MPoC, scheme certifications and external pentests of our terminal.
- Secure NFCtron Pay: Tap to Pay on Android, terminals, key management and its cloud.
- Lead development of the platform: payments, ticketing, billing, bank payouts, point of sale and mobile apps.
- Build NFCtron Nebula, our prepaid card program, with identity checks (KYC).
- Bring AI agents into the team's daily work, from internal assistants to coding agents.

Core Backend Developer Lead

Oct 2024 to Jan 2026

NFCtron, Prague

- Led the core backend team: planning, code review and mentoring.
- Owned the architecture of the core services: NestJS, PostgreSQL, Redis and RabbitMQ on Kubernetes.
- Worked on payment gateways, the ticket marketplace, PDF tickets and partner APIs.
- Kept production stable and fast, with search on Typesense.

Core Backend Developer

Jun 2023 to Oct 2024

NFCtron, Prague

- Built core backend services in TypeScript on NestJS, with PostgreSQL, Redis, RabbitMQ and Typesense.
- Worked on ticketing, refunds and bank payouts, reporting, fiscalization and the attendee app's API.
- Moved up to team lead after sixteen months.

■ PROJECTS

Snipr Independent product

2026

A public page for links, browser-encrypted pastes and files, with analytics and mail on your own domain. Runs on Cloudflare Workers, with passkeys and billing. I own it and build it.

Keyhop Open source

2026

Switches Claude Code, Cursor, Codex and six more AI coding tools between accounts and tracks their usage.

zabcik.me Portfolio

2026

My portfolio and interactive CV. A particle field spells each page, the homepage shows what I am listening to and pushing right now, and the CV renders itself to PDF in two languages.

■ SKILLS

Stack	TypeScript, Node.js, NestJS, React, Next.js, Tailwind CSS, C# and .NET
Mobile	Kotlin, Android, React Native, Flutter, Swift
Data and messaging	PostgreSQL, Redis, RabbitMQ, Typesense, gRPC
Infrastructure	Docker, Kubernetes, Terraform, AWS, Google Cloud, Cloudflare, CI/CD, Observability
Payments	Payment gateways, Tap to Pay and terminals, Bank reconciliation, Invoicing and fiscalization, Card issuing, Clearing and settlement, EMV kernels
Security	PCI DSS, MPoC and PIN, Application security, Key management and attestation, Pentesting, App hardening
Practice	System design, Database tuning, Engineering leadership, AI agents and MCP
Languages	Czech (native), English (professional working proficiency)