

Rok Črešnik

Technical & Solution Architect

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Slovenia — working remotely with teams across Europe, the UK and the US · RokIT d.o.o.

PROFILE

Hands-on technical and solution architect with **15+ years** across product engineering, system integration and technical leadership. I am strongest where a problem is still ambiguous: understanding it, cutting it down to something buildable, and staying close enough to the implementation that the plan survives contact with production.

15+ years Building, integrating and leading delivery of production software

10,000 Concurrent users the ComplexCon Hong Kong platform was stress-tested for

100× Increase in supported load after directing Libraro's platform stabilisation

24,000 Monthly active users on Blackjack Trainer, with 10,000+ paid subscriptions

SELECTED ENGAGEMENTS

ComplexCon Hong Kong **Technical architect** 2023 – 2024

Designed the whole-system architecture behind a live event platform spanning identity, ticketing, commerce and customer data — then held it together on site under real load.

Libraro **Architect / Senior engineer** 2025 – 2026

Diagnosed why a publishing platform fell over above ~20 visitors, directed the PostgreSQL and backend fixes, and built Python tooling to recover interrupted document workflows.

Trajan Wealth **Technical architect / Technical lead** 2025

Owned architecture and led a ~10-person multidisciplinary team delivering a production AI assistant that answers questions against a client's own investment portfolio.

London Blockchain Conference **Technical architect** 2024 – 2025

Architecture and integrations for two annual iterations of an event companion app — scheduling, meeting booking, messaging and a points-for-rewards loyalty loop.

Blackjack Trainer **Sole technical lead & iOS engineer** 2025 – now

Took over an operational iOS product and delivered a full production redesign, analytics, subscriptions and onboarding experiments. 24k MAU, 10k+ paid subscriptions.

TradeWindow **Technical architect** 2023

Analysed a logistics monolith and defined a phased, parallel-run modernisation approach — including the honest finding that the job was far larger than estimated.

NKBM Mobile Bank **iOS architecture & technical enablement** 2020 – 2024

Introduced Clean Architecture to a bank's mobile app, built the reference implementation, and taught the in-house developer to carry it forward. Returned for later delivery peaks.

AI-assisted engineering workflows **Workflow designer & primary user** Current

Human-reviewed workflows that connect Figma, Jira, Confluence and source code — daily change digests, task preparation and design-coverage gap analysis.

OTHER ENGAGEMENTS

AffilyStars 2026 — now · Amici

Technical / solution architect. The bridge between product design, client requests and the development team — turning intent into concrete technical direction. In development.

Iskalnik nepremičnin Current · Personal project

A multi-stage research workflow over Slovenian public property data and the land registry, ending in a sortable HTML or Excel report. Cuts hours — sometimes days — off manual ownership research.

Commerce systems analysis 2024 · EKWB

Mapped a fragmented landscape of Amazon, Microsoft Dynamics and several web shops, traced where inventory visibility was being lost, and delivered integration recommendations.

Capucinne 2020 · Minimalvs

Shopify performance and technical SEO for a jewellery store, plus a custom purchase flow that broke past the platform's variant limit. The change materially increased revenue.

GlobaliD 2019

Senior iOS developer. Split the application into modules to bring development build times down, and contributed to the product redesign.

Kamino 2019

Senior iOS developer on an application redesign, new and revised features, and user-analytics integration.

Beenius 2018 — 2019

Senior iOS developer. Introduced CI and code-review practice and restructured the app so each customer variant could be customised faster. GraphQL in the stack.

1Tap Receipts & Tax 2017 — 2018

iOS developer across two products: Swift 4 migration, feature work, analytics, and a serious dent in the accumulated backlog.

ULU 2014 — 2017

Lead iOS developer and early employee on a connected-car product: journeys, driving events, diagnostics and fleet use cases, from an OBD device over eSIM. Objective-C, later rewritten in Swift.

FlyKly Smart Wheel 2013 — 2014

Lead iOS developer on the companion app for a pedal-assist bicycle wheel — Bluetooth Low Energy protocol work with the hardware team, and support through the Kickstarter campaign.

OdoCost 2012 — 2014

Co-founder and lead iOS developer. Business-travel logging with two-way server sync and GPS tracking tuned hard against battery life.

Run&Roll 2012 — 2013

Co-founder and lead iOS developer on an endless-runner game: 40+ levels, an animation system, image caching and a custom level editor. Later the subject of my bachelor thesis.

CAREER HISTORY

2020 — present — Technical leadership & architecture**RokIT d.o.o.** Owner · Technical & solution architect · 2017 — present

My own company and the vehicle for all current work. I take on architecture, integrations, hands-on development, code review, releases and production troubleshooting, and provide technical and project leadership to multidisciplinary delivery teams. Client engagements run either directly through RokIT, or through EqualEyes d.o.o. as its client — with Teranode Ltd (formerly nChain Ltd) as the end client for part of that work. One career, one contracting chain, not three parallel jobs.

Where the projects sit Delivery route by client

Libraro, ComplexCon and TradeWindow were delivered through EqualEyes. EKWB was a direct RokIT engagement. Blackjack Trainer and AffilyStars are RokIT engagements. Also in this period: Trajan Wealth, the London Blockchain Conference apps, and recurring NKBM mobile-banking work.

2017 – 2020 – Senior iOS & product engineering**Minimalvs d.o.o. / Capucinne** “The IT department” · May — Sep 2020

E-commerce performance, technical SEO and custom purchase-flow engineering for a DTC jewellery store on Shopify.

Kamino d.o.o. Senior iOS developer · Jun — Nov 2019

Redesign, feature development and analytics. The GlobaliD application work ran during this engagement.

Beenius d.o.o. Senior iOS developer · Sep 2018 — May 2019

Continuous integration, code review and a modular application structure so customer-specific variants could ship faster.

1Tap Ltd iOS developer · Jul 2017 — Apr 2018

Swift migration, dependency management, analytics and backlog reduction across 1Tap Receipts and 1Tap Tax.

2016 – 2018 – Hospitality & outdoor operations**New Zealand & Canada** Interleaved with ongoing product work

Guest reception, reservations and campsite allocation at Hack'n'Stay; lift operator at Porters Ski Field; night porter, maintenance and housekeeping at Rainforest Retreat; snowboard instructor at Kimberley Alpine Resort. Front-line operations work, in a second language, where the system that fails at 7am is a person waiting at a desk.

2014 – 2017 – Connected mobility**ULU b.v.** Lead iOS developer / early employee · May 2014 — Dec 2017

Sole iOS developer and technical owner of the driver-facing app for a connected-car and fleet product. Contributed to API design and reusable visual components, and took part in StartupBootcamp HighTechXL in Eindhoven.

2012 – 2014 – Games, mobile products & early startups**Co-founder & lead iOS developer** Run&Roll · OdoCost · FlyKly

End-to-end ownership across a game with its own level editor, a business-travel tracker with two-way sync, and a Bluetooth-connected bicycle wheel. Alongside them a run of early consumer apps and prototypes — H2O-Pal, Shakin Steve, avantBon, Rankberry, Megabon and Quick Order — several built with collaborators under the informal team name Mice3, which was never a company.

2010 – 2012 – Enterprise & web beginnings**Adacta d.o.o.** Microsoft Dynamics AX support & development · Feb 2011 — early 2012

Support department for international clients, producing reports and additional views in a Microsoft Dynamics AX / X++ environment. My first exposure to business systems that people depend on to get paid.

spletnaPOSTAJA d.o.o. Junior developer · Oct — Dec 2010

PHP/MySQL and custom client projects.

CAPABILITIES

- **Solution architecture through implementation.** I do not hand over a diagram and leave. The plan is only good if it survives the first sprint.
- **System integration.** REST, webhooks, authentication and third-party platforms — usually several of them, usually disagreeing with their own documentation.
- **Technical-debt analysis and phased modernisation.** Extract one responsibility, run it in parallel, compare outputs, then move production traffic.
- **Performance and data access.** PostgreSQL and SQL profiling, query and access-pattern redesign, load and performance testing against a modelled scenario.
- **Technical leadership for teams of up to ~10** and cross-functional delivery groups of ~20 — delivery direction and accountability rather than formal line management. Technical interviews, task assessment and one-to-one coaching.

- **Build-vs-buy and vendor selection.** Feature, risk and cost comparisons that a non-technical stakeholder can actually decide from.
- **AI-assisted engineering.** Practical everyday workflows with independent review stages, never autonomous approval.

TOOLKIT, EDUCATION & LANGUAGES

LANGUAGES & DATA	Python · SQL / PostgreSQL · TypeScript & Node.js · Swift · Go · X++ (historical)
INTEGRATION & CLOUD	AWS · AWS Cognito · Auth0 · MuleSoft · Salesforce · Shopify · Stripe · RevenueCat · REST & webhooks
DELIVERY	Git & code review · CI/CD · GitHub Actions · Docker · Jira · Confluence · Figma · Firebase Analytics · A/B testing
BUSINESS PLATFORMS	Microsoft Dynamics AX · Appian · Wagtail
EDUCATION & CERTIFICATION	University of Ljubljana, Faculty of Computer and Information Science — University Diploma in Computer Science and Informatics, pre-Bologna programme, 2013. Appian Certified Associate Developer, June 2025. Ran an introductory Python workshop at Gimnazija Slovenj Gradec.
LANGUAGES	Slovenian (native) · English (fluent) · German and Croatian (conversational)

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