Tomáš Randus

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Senior Staff Engineer (20+ years) bridging **Frontend Architecture** and **Product Management** with **Applied AI**. Specializing in **LLM Integration** and autonomous Agents to build secure, scalable, and **Intelligent User Interfaces**.

Available for hire in: **Prague** (onsite/remote) or **Worldwide** (remote)

Work Experience

Software Consultant
2025 — PRESENT

- **Security consultancy** at National Agency for Communication and IT
- **AI Agent development** for AppSec automation and QA processes

Staff Software Engineer at Invicti Security
2022 — 2025

- Product development – TypeScript, Vue.js, Federated GraphQL
- Accessibility implementation (WCAG 2.1 AA compliance)
- Agile Leadership and cross-team collaboration
- Security-focused development practices

Staff Software Engineer at Citrix
2019 — 2022

- React, GraphQL, large-scale JS→TS migration leadership
- E2E testing automation with Playwright and custom tooling
- Software Development Training programs and mentorship
- Performance optimization for enterprise applications

Senior Software Engineer at Sapho (acquired by Citrix)
2017 — 2019

- Core member of development team for Business Intelligence Services (B2B)
- Full-stack development: React/TypeScript/Node.js/Cordova
- API design and microservices architecture

Lead Front-end Developer at Radio Free Europe / Radio Liberty
2014 — 2017

- Architected global news platform serving 60 languages
- Supported 200+ countries with RTL and complex character sets

- Managed ~3.5M unique weekly visitors with high performance requirements
- Tech leadership: React, Redux, Sass, Internationalization

Lead Front-end Developer at Summit Media
2013 — 2014

- Custom eCommerce solutions development
- WYSIWYG editor development for Magento platform
- Team mentorship

Senior Product Manager at Unity Mobile
2011 — 2012

- Product management for automated website publishing tools
- Cross-functional team leadership and stakeholder management

Senior Product Manager at Sanoma Media
2009 — 2011

- Product management for payment solutions and mobile applications
- Team education and training program development

Founder, CTO at Wirenode
2004 — 2007

- Co-founded technology company (6 employees)
- CTO and Senior Java Developer roles
- Product strategy and business development

Medior Java Developer at Cleverlance
2002 — 2004

- Enterprise development projects in Banking & Telecommunications
- Java enterprise application development

Skills

AI & Machine Learning
Primary Focus: Developing AI-powered automation tools and Agents. Experience with LLM integration (OpenAI/Anthropic), RAG architectures, prompt engineering, and building intelligent workflows for AppSec.

Full Stack Engineering
Expert in TypeScript/JavaScript ecosystem (React, Vue.js, Node.js). Focus on large-scale architecture, performance optimization, and maintainable codebases.

Application Security (AppSec)
Security-focused development, vulnerability assessment automation, and secure coding standards. Bridging the gap between Engineering and Security teams.

GraphQL & API Architecture

Deep expertise in GraphQL Federation, Apollo ecosystem, and Microservices architecture. Designing scalable backend systems.

Product Management

Strategic product delivery, agile transformation, and release management. Strong background in connecting business requirements with technical execution.

Accessibility (WCAG)

Implementation of WCAG 2.1 AA standards and inclusive design patterns. Ensuring software is usable by everyone.

Education

Mgr. in Media Studies

Charles University, Prague

2015 – 2019

Memberships

- cesko.digital
- Czechitas
- TEDxPrague

Hobbies & Interests

Violin, Philosophy, Continuous Learning, Sports