# Jiří Špác

## HANDS-ON TECH LEAD & PRODUCT BUILDER

Brno, Czechia / Remote or Brno hybrid

capajj@gmail.com github.com/capaj linkedin.com/in/capaj capaj.ngmi.fyi

Hands-on tech lead and product builder with 16+ years of software development experience. I lead teams, turn customer needs into product decisions, and stay close to the code. My work spans TypeScript products, cloud infrastructure, security and AI integrations.

### EXPERIENCE

**groas.ai** — Sept 2025 - Present
Chief technology officer

Built groas.ai from scratch as CTO. The TypeScript platform runs on AWS, has over one million lines of code, and autonomously builds, launches and manages PPC campaigns. Integrated in-house fine-tuned LLMs and state-of-the-art models from multiple vendors as the product evolved. Self-hosted Trigger.dev, improving job performance by 30–40% and cutting job costs by 86%.

TypeScript · AWS · SST · Next.js · OpenAI · Anthropic · PostgreSQL · Drizzle

**Supernova** — Apr 2025 - Sept 2025
Backend developer (contract)

Fixed-scope MCP server for LLM integrations.

TypeScript · AWS · SST · Next.js · OpenAI · Anthropic · PostgreSQL · Prisma

**Little Spoon** — Jun 2024 - Jan 2025
Fullstack engineer (contract)

Heroku-to-AWS infrastructure migration and initial React Native mobile implementation.

React Native · .NET · AWS · RDS PostgreSQL · CloudWatch · Datadog · Lambda · Fargate · EC2

**Langtail** — Feb 2024 - May 2024
Fullstack developer (contract)

Remote product development of an AI prompt IDE and LLMOps platform.

Vercel · Cloudflare Workers · Next.js · Prisma · PlanetScale · MySQL · ClickHouse · OpenAI · WebAssembly · Playwright

**Official** — May 2022 - Jan 2024
Tech lead (contract)

Took over technical leadership of the MVP from an external development company. Supported the frontend team with APIs, tools and infrastructure; worked with key stakeholders on the product roadmap and led technical interviews for backend hires. Bumble acquired Official for about $10 million in April 2023.

GraphQL · TypeScript · Node.js · Knex · Prisma · PostgreSQL · React · React Native · AWS · Terraform · Kubernetes · AWS CDK · Datadog

**NearForm** — Aug 2021 - Feb 2022
Senior fullstack developer (contract)

React/.NET betting application, open-source maintenance, and Node.js PDF-processing Lambda/SQS infrastructure defined in Terraform.

React · .NET · Node.js · AWS Lambda · SQS · Terraform · Python

**Looop** — May 2017 - Aug 2021
Tech lead (contract)

Founding engineer and hands-on lead of a small, fully remote team building an enterprise learning platform. Looop grew from 10 paying customers when I joined to 500+ by the time I left. Took on CTO responsibilities for several years. Led the AngularJS-to-React and strict TypeScript migrations, modernised the data layer, and owned user provisioning and security with SAML, OIDC and OAuth. The platform was later acquired by 360Learning for $20m in January 2022.

Node.js · GraphQL · PostgreSQL · MySQL · Docker · Serverless Framework · Electron · TypeScript · React · AWS · SQS · Lambda · Kibana · SAML · OIDC · OAuth · Python

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TECH LEAD / PRODUCT BUILDER

### Brand Embassy
Jun 2016 - Apr 2017

Senior Fullstack developer (contract)

Scalable real-time chat platform using Node.js, React, Redis, Elasticsearch and socket.io.

### Socialbakers
Jul 2015 - Apr 2016

Software developer (contract)

Payment solution using Node.js, React, PostgreSQL, MongoDB, Recurly, RabbitMQ and Redis.

### Sky Broadcasting
Feb 2015 - Jun 2015

Software developer (contract)

Contributed to Sky's in-house content management system, which ran on Ruby on Rails. The CMS supplied content to several frontend apps, including Sky's TV programme guide, which millions of people used every day. Worked with .NET, AngularJS and Jenkins, and advised the team on migrating to Node.js.

Ruby on Rails · .NET · AngularJS · Node.js · Jenkins · Python

### Thomas Cook plc
Nov 2014 - Feb 2015

Senior nodejs developer (employment)

Node.js and AngularJS search application and back-office dashboard.

Node.js · AngularJS · Python

### AVG Technologies
Jan 2014 - Nov 2014

Application developer (contract)

AngularJS/Electron client application and automated end-to-end testing.

### Siemens Convergence creators, s.r.o.
Dec 2012 - Nov 2013

JavaScript programmer (employment)

Video-on-demand frontend using AngularJS, jQuery and Bootstrap; .NET and Node.js.

### 2K Czech s.r.o.
Sept 2010 - Dec 2012

Lua developer (employment)

Lua game-engine scripting and internal tools in C#.

## INDEPENDENT PRODUCTS

Authier - End-to-end encrypted password manager.
Faktorio - Invoicing app built with React, Turso and Cloudflare.
ingit - Local-first, visual Git GUI.

## CORE STRENGTHS

Product & leadership: Technical strategy, Remote team leadership, Roadmap planning, Technical hiring, Stakeholder communication
Engineering: TypeScript, React, React Native, Node.js, .NET, PostgreSQL, Python
Infrastructure & AI: AWS, GCP, Azure, Cloudflare, Terraform, SST, MCP, OpenAI & Anthropic
Security: SAML, OIDC, OAuth, User provisioning, End-to-end encryption

## EDUCATION, LANGUAGES & COMMUNITY

Masaryk University, Faculty of Informatics (2008–2009 · 2010–2011) - Applied Informatics bachelor studies, first and second years.
Gymnázium Šlapanice (2000–2008) - Secondary education, graduated.

Czech: native · English: proficient · French: basic / passive
JavaScript and TypeScript meetups, occasional talks in Brno and Prague, and co-organising a local developer Discord community.
Courses: MongoDB for Node.js Developers (2013); Current Web Frontend (2013).