# Miloš Macek

## Full Stack Developer

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Mobile | Web | Desktop | BaaS | SaaS | LLM | MCP | Bitcoin

I am an independent full-stack developer with fifteen years of experience. Previously focused primarily on mobile app development, I am now expanding into backend, SaaS, web applications, and exploring LLM integration. My goal is to create robust, user-friendly solutions that combine proven practices with emerging technologies. I am currently putting together my VPS with a complete range of self-hosted applications.

## Work Experience

### Full Stack Developer - Freelancer

2019 - present

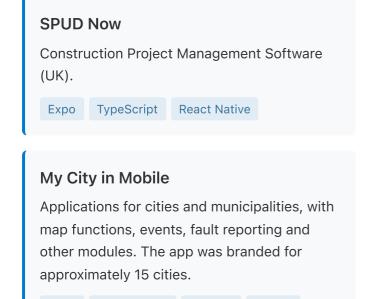
Development of applications for various clients and companies as a contractor. Specializing in mobile and web applications, as well as more complex solutions with backend.

### Mobile Application Developer - As4u.cz, s.r.o.

2014 - 2018

Development of mobile applications for cities and municipalities, tourism support, map applications, information kiosks, even a fiscal cash register. Gradual transition from native Android development through Ionic/Cordova to React Native and Expo. After leaving in 2018, I continued to update applications as needed.

## Selected Projects



React Native RestAPI

**SQLite** 

### Tlappka

Vet in your pocket. App allows 24/7 live chat and consulting with veterinarians.

Expo React Native Gluestack Storybook

## Shark Tracker

Application for tracking chipped sharks, turtles and other marine creatures. As a contractor in the Mapotic startup.

React Native Mapotic API MobX

Elemental UI

## Tech Stack

## **Programming** Languages

- TypeScript
- Java
- Rust (basics)
- Effect
- SQL

#### Mobile

- React Native
- Expo
- EAS
- Tamagui
- NativeWind

#### Frontend

- React
- Next.js
- TailwindCSS
- Astro
- HTML/CSS

#### **Backend**

- Node.js
- Express.js
- Supabase
- Appwrite
- Serverless

### **State Management**

- Redux
- Zustand
- TanStack Query
- Context API
- LegendState

### **DevOps**

- Git
- GitHub Actions
- Docker
- Vercel
- CI/CD

#### **Databases**

- PostgreSQL
- MongoDB
- SQLite
- Drizzle ORM
- Watermelon

### **API Management**

- REST API
- GraphQL
- OpenAPI/Swagger
- Apollo
- tRPC

## Education

Information Technology - Technical University of Liberec

2010 - 2014

Electrical Engineering - Czech Technical University, Prague

2008 - 2010

Electrical Engineering - Masaryk Technical College, Kutná Hora

2004 - 2008

## Language Skills

- · Czech native speaker
- English intermediate level (B2)

## Current Projects

## miccy-verse

Universal UI design system with unified style and behavior for web and mobile applications.





React

#### **SATstation**

Application for the BTC community focused on local-first approach, anonymous communication and security.

React Native

Effect

Evolu