

# Marko Kornajcik

Back-End Developer | Node.js & REST API Specialist

📍 Helsinki, Finland | ✉️ marko.kornajcik6@gmail.com | ☎️ +358 41 318 1199

🔗 [LinkedIn](#) | [Portfolio](#) | [GitHub](#)



## ♦ Professional Summary

I build and deploy back-end systems using **Node.js**, **Express** and **TypeScript**. I've created projects with **real-time** messaging, **secure authentication** and **database integration**, deployed via **Docker** and **cloud services**. I work with **PostgreSQL**, **MongoDB**, **JWT**, **Stripe**, **AWS S3** and **more** to deliver reliable back-end.

## ♦ Relevant Experience

### **Back-End Developer (Personal Projects)**

📍 Helsinki, Finland | 2023 - Present

#### **Echo - Twitter-Like Social Media Web App & API**

- Built a social media **web app** platform and **API**, using **TypeScript**, **Node.js** and **Express**, featuring real-time messaging, follow/unfollow, personalized feeds, notifications, search, and user profiles.
- Integrated **AWS S3** for user-uploaded media, **Supabase PostgreSQL** via **Prisma** for data persistence, and containerized the app with **Docker** before deploying on **Railway**.
- Tech Stack: **TypeScript**, **Node.js**, **Express**, **EJS**, **PostgreSQL**, **Prisma**, **Docker**, **AWS S3**, **Supabase**, **Railway**, **Axios**, **Postman**

#### **Natours - Tour Booking Web App & API**

- Developed a **full-featured** tour booking **API** and **web app** using **Node.js**, **Express**, and **MongoDB**, handling user authentication, payments, and reviews.
- Implemented **JWT authentication**, **role-based access control**, and **Stripe payment integration**.
- Designed advanced **data filtering**, **sorting**, and **pagination** for improved API performance.
- Tech Stack: **JavaScript**, **Node.js**, **Express**, **MongoDB**, **JWT**, **Stripe**, **Railway**, **Postman**

#### **Socket Chat - Real-Time Web App**

- Built a **real-time** chat application using **Node.js**, **Express**, and **Socket.io**, supporting public & private chat rooms, file sharing, and user lists.
- Integrated **security measures** (rate limiting, sanitization, Helmet) to prevent web vulnerabilities.
- Tech Stack: **JavaScript**, **Node.js**, **Express**, **Socket.io**, **Helmet**, **Multer**

## ♦ Technical Skills

**Programming Languages:** TypeScript, JavaScript, Python, HTML, CSS

**Back-End Technologies:** Node.js, Express, Django, Flask, EJS

**Databases & ORM:** MongoDB, PostgreSQL, SQLite, Prisma, Supabase

**APIs & Authentication:** RESTful APIs, JWT, Stripe, Axios

**Development & Deployment Tools:** Git, GitHub, Postman, Railway, Socket.io, Docker, AWS S3

## ♦ Education & Languages

⚡ Electrical Engineering - Computer Systems

👤 *Technical School of Technology and Design - Poprad, Slovakia*

🏆 Winner of the school competition in informatics (4th place in a regional competition)

**Languages:** English (Fluent), Slovak (Native), Czech (Bilingual), Finnish (Beginner)