

# Peter Szepesi

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## Education

### Technical University of Košice

Košice

Computer Science

Sep 2024 — Present

- **Status:** Currently in 4th Semester (Expected 2nd Year Completion: June 2026).
- **Key Coursework:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Systems, Operating Systems.

### Secondary School of Electrical Engineering in Košice

Košice

Computer Science

Sep 2020 — May 2024

## Experience

### School Internship

May 2023 — Jun 2023

Syntax Systems s. r. o.

Košice

- Configured Windows and Linux environments for optimal system performance.
- Delivered programming tasks using **C#** and object-oriented design.
- Debugged and maintained software applications, applying problem-solving skills.

## Projects

### Gym Companion App | React, JavaScript, Spring Boot, PostgreSQL

Dec 2025 — Feb 2026

- Built a full-stack CRUD app with a Spring Boot REST API and PostgreSQL database to track user fitness data across sessions.
- Designed the database scheme with proper relational structure and added backend validation to keep data consistent.
- Built the front-end in React with Tailwind CSS, including responsive layout and live state updates as data changes.

### Personal Portfolio | React, JavaScript, Tailwind CSS, Vercel

Dec 2025 — Dec 2025

- Built and deployed a personal portfolio in React using Vercel, with automatic deployments triggered on every GitHub push.
- Structured the UI with reusable React components for maintainability and consistent rendering across devices.

### MotorMinder | Java, SQLite, Android SDK

Nov 2023 — Mar 2024

- Built an Android app in Java to track vehicle fuel consumption, maintenance history, and mileage — works fully offline using SQLite
- Designed the local database schema to store and query records without an internet connection.
- Used OOP to separate concerns between data storage, fuel efficiency calculations, and maintenance scheduling logic.

## Skills

**Languages:** JavaScript (ES6+), Java, C#, C, SQL

**Frontend:** React, Tailwind CSS, HTML5, CSS3, Responsive Design

**Backend & Databases:** Spring Boot, PostgreSQL, MySQL, SQLite, REST APIs

**Tools & DevOps:** Git, GitHub, Vercel (CI/CD), GitHub Copilot

**Core Competencies:** RESTful API Design, Data Persistence, Object-Oriented Design (OOD), Responsive Web Standards