

# Filep Máté

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## EDUCATION

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**Óbuda University**, John von Neumann Faculty of Informatics

Budapest

Computer Engineering BSc

- Weighted grade average: 4.17/5.00
- Relevant coursework: Software Development, Databases, Algorithms, Data Structures

## PROFESSIONAL EXPERIENCE

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**Software Developer (Part-time)** | Interpest Kft., Budapest

Oct 2025 – Present

- Develop TypeScript/Node.js backend features, REST APIs, input validation, consistent error handling, and structured logging.
- Design and evolve MySQL data models and migrations supporting business workflows and data consistency.
- Implement deduplication logic and data-oriented backend processes; contribute to Next.js/React interfaces when needed.

**Software Developer Intern** | Interpest Kft., Budapest

Jul 2025 – Aug 2025

- Designed and implemented the backend process for automated eSIM allocation with external provider API integration.
- Built order-based webhook processing with status checks, idempotency, duplicate protection, robust error handling, and logging.
- Implemented multilingual transactional email automation supporting hundreds of successfully auto-allocated eSIMs in production.

## TECHNICAL SKILLS

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**Data & Databases:** SQL, MySQL, PostgreSQL, Oracle, data modeling, migrations, deduplication

**Backend & APIs:** TypeScript, Node.js, Express, REST APIs, validation, structured logging, webhooks, API integrations

**Programming:** Python, C#, JavaScript, TypeScript

**Frontend:** React, Next.js, Tailwind CSS, HTML/CSS

**Tools:** Git/GitHub, Linux (CLI/SSH), Figma

**Languages:** Hungarian (native), English (C1)

## PROJECTS

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**Dictionary Application** | C#, SQL, LINQ, XML

- Multi-layer desktop application for SQL-backed word management, LINQ statistics, XML import/export, and object-oriented design.

**Text Analyzer Web Application** | ASP.NET MVC, REST API, JavaScript

- Full-stack web application that processes uploaded texts through a REST API and visualizes statistical results with interactive charts.

**Personal Portfolio Website** | Next.js, TypeScript, Tailwind CSS, Zod

- Bilingual Data Engineer portfolio with typed content dictionaries, localized routing, validated contact API, and Vercel-ready deployment.