Botond Osvath
Software Developer

BUDAPEST, HUNGARY · osvth.botond@gmail.com

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SKILLS

A results-driven and motivated Medior Software Developer with a strong base of programming knowledge acquired through academic studies, hobby projects and consistent work throughout the years.

EDUCATION

University of Aberdeen, BSc. Computing Science
Sep 2019 — Jun 2023

- **Graduated** with Honors (Upper class)
- **Co-founder** of the Hungarian Society, actively involved in organizing events and fostering cultural exchange within the university community.
- A seven-person team under my direction and instruction created a large-scale software system that included back ends and a mobile app that supports the **environmental crisis.**
- Possessing an ardent passion for **artificial intelligence** and its boundless applications, I proudly authored an insightful thesis on reinforcement learning, delving deep into the intricacies of general AI systems. This rewarding endeavor allowed me to hone my skills in algorithm development, algorithm optimization, and advanced programming techniques, while **simultaneously broadening my understanding of machine learning paradigms.**

PROJECTS

- One of my most remarkable milestones in my career was my involvement with Colibr, a **charity application** that, unfortunately, has since been shut down. When I received the news of its closure, I reflected on the invaluable experiences and lessons I gained from working on this meaningful project.

  - One of the most rewarding aspects of my time with Colibr was **teaching two talented students who had no prior experience in web development**. Guiding them through the fundamentals and watching their skills flourish was incredibly fulfilling. Under my tutelage, they not only developed their technical abilities but also learned to collaborate effectively, ultimately contributing meaningfully to the development of a functional web application. **This experience underscored the value of sharing knowledge and fostering growth**, both **for others** and **for myself**.

- As the sole founder and developer of the Hungarian educational platform **Okostojás (MySmartegg)**, I managed the project end-to-end, combining technical delivery with business and marketing responsibilities. In addition to designing and developing the platform using **.NET Core MVC**, I defined the sales strategy and executed marketing initiatives, including content production. These activities progressed from mobile-recorded promotional materials to **professionally produced marketing campaigns** filmed in Budapest's busy Central **Grand Café**, supported by mentorship and external collaborators. The project was successfully launched and scaled, concluding with over **100 active teachers** offering and advertising their services on the platform.

  - Following the successful growth of the platform, I chose to conclude the project to fully dedicate my professional focus to software engineering and to seek collaboration within larger, cross-functional teams, where I am most energized and effective.

SKILLS

- Motivated Attitude
- Work Ethic
- Teamwork Skills
- Patient Advocacy
- Multitasking Skills
- Honesty and Integrity

LINKS

- CV
- GitHub
- LinkedIn
- Instagram

LANGUAGES

- English
- Hungarian

KEY LEARNINGS & GO-TO-MARKET EXPERIENCE

Customer Engagement & Feedback Loop

- Strengthened interpersonal skills and gained firsthand insights into user needs, directly shaping and refining the platform's matching features.

Iterative Development & Continuous Improvement

- Adopted an agile mindset through short development cycles and frequent testing, ensuring alignment between user expectations and delivered functionality.

Marketing, Content Creation & Visual Storytelling

- Built hands-on experience in promotional content production, progressing from mobile-recorded videos to professionally produced marketing campaigns filmed at high-traffic locations in Budapest, including Central Grand Café.

Sales Strategy & Value Positioning

- Developed teacher acquisition and onboarding strategies, improving value proposition clarity and market positioning through direct sales interaction.

Collaboration & Product Ownership

- Gained experience coordinating across technical, marketing, and external collaborators, strengthening my ability to contribute within cross-functional, goal-driven teams.

Holistic Product Thinking

- Developed a strong understanding of how software engineering, user experience, marketing, and sales intersect to create and scale a successful digital product.

EMPLOYMENT

Full stack Developer, IT-Pro Support

Jan 2021 — 2025, Llangollen

- **Designed**, **constructed**, and **contributed** to more than **19** versatile full-stack systems using C#, ASP.NET, .NET Core and JavaScript, significantly improving business across various sectors.
- I contributed to the development of a comprehensive intranet web application for a multinational warehouse company. This application, designed to manage hundreds of warehouse employees, included features such as custom holiday management tools and multi-tiered permission management. The project's success was underscored by the promotion of the individual who cooperated closely with me throughout the development process, highlighting the tangible benefits of our collaborative efforts.
- Developed a web-based management system for world-leading fire and explosion safety consultants that **automated routine tasks** and **streamlined the creation of 100-page Word documents** and **PDFs**, resulting in significant time savings and increased efficiency for safety professionals.
- Implemented an **online accounting software API** and **re-engineered a business' inventory management system**, enabling seamless handling of stocks, invoicing, and emailing processes, thereby ensuring consistent customer satisfaction.
- Significantly boosted developer productivity with an innovative internal automation tool that generates full-stack web applications based on SQL database schemas.
- I have played a significant role in contributing to an internal web application for an internationally renowned emergency response and rescue organization operating in both Europe and globally. While originating over 15 years ago, the project **continues to** be effectively managed and **operates seamlessly**, showcasing the **long-term impact** of my contributions to fostering **adaptive** and **resilient systems**.
- I have successfully contributed to multiple transportation systems, where my efforts involved GPS

coordinate calculation, automated road planning, and other related tasks. My expertise in these areas has helped enhance the efficiency and accuracy of these systems, ensuring optimal navigation and route planning solutions.

- Together with a senior programmer, I successfully developed an extensive intranet system for managing various aspects of our **business**, including **client**, **backup**, **timesheet**, **contract**, and **invoice** management. In addition to this, we also created a separate client-facing platform designed to facilitate feedback, ensuring seamless communication and improved customer satisfaction.

- At a company specializing in Inspection Management, I leveraged my expertise to successfully **improve** their **existing** intranet web application. **Recognizing the need** for **enhancements**, I took the initiative to split the original web application into separate client and admin sides, spearheading the development process independently. My contributions have significantly streamlined the application's functionality, providing more efficient and **user-friendly experience** for both **clients** and **administrators**.

- I developed an intranet web application for a prominent independent courier company serving North Wales and the Northwest region. My expertise and efforts have contributed to streamlining internal processes and improving communication within the organization, further **enhancing** its **service delivery capabilities**.

Medior Software Engineer, Barion Payment Inc.

Aug 2025 — present, Llangollen

- Started working at **Barion**, a leading fintech company, and am enjoying every moment while contributing to innovative financial solutions.

PROFESSIONAL TECH EXPERIENCE
(From projects and roles held at companies or organizations)

- **.NET Core MVC & ASP.NET WebForms – C# (5 years)**
- **Azure Devops (2 years)**
- **jQuery – JavaScript – HTML - CSS (5 years)**
- **Database Management - SQL - MSSQL (5 years)**
- **Python & Machine Learning (1.5 years)**

EDUCATION & INDEPENDENT / PERSONAL EXPERIENCE
(From hobby projects and passion for technology)

- .NET Core MVC – C# (7 years)
- jQuery – JavaScript – HTML - CSS (9 years)
- Database Management - SQL – MSSQL (9 years)
- Python (4 year)
- Windows Forms Applications (legacy)