Botond Osvath, Software Developer

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PROFILE

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.

EMPLOYMENT HISTORY

Projects fully led by Me

Jan 2019 — Present

- As a passionate and skilled web developer, I have had the unique opportunity to integrate my teaching capabilities with my technical expertise through a broad range of projects. Among them, I **single-handedly developed** the Hungarian **teaching platform** Okostojás (MySmartegg) using .NET Core MVC, although it is in its pre-release phase, the platform is carefully designed and optimized to provide efficient student and teacher matchmaking and teaching services.
- Another remarkable milestone in my career was my involvement with Colibr a cutting-edge web application developed using .NET Core MVC. While working on the application, I **guided** and **mentored** two talented students with **zero prior knowledge** in web development. As their skills flourished under my tutelage, I found immense satisfaction in watching them collaborate and contribute meaningfully to the development of a web application.
- Overall, my dual role as a web developer and a teacher has enabled me to create not only innovative web applications but also pave the way for future generations of web developers to thrive in their careers.

Full stack Developer, IT-Pro Support

Jun 2021 — Present, 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.
- 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 <u>boosted developer productivity</u> with an innovative <u>internal automation tool</u> 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 <u>over 15 years ago</u>, 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 <u>GPS coordinate calculation</u>, <u>automated road planning</u>, 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 <u>extensive intranet system</u> for managing various aspects of our **business**, including **client**, **backup**, **timesheet**, **contract-**, and **invoice** management. In addition to this, we also created a separate <u>client-facing platform</u> 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 a 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 <u>streamlining internal processes</u> and <u>improving communication within the organization</u>, further **enhancing** its **service delivery capabilities**.

EDUCATION

University of Aberdeen, BSc. Computing Science

Sep 2019 — Jun 2023, Aberdeen

- **Graduated** with Honors
- <u>Co-founder</u> 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 <u>authored</u> an insightful <u>thesis</u> 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.

TECH SKILLS

C# (8 years)

jQuery - JavaScript (5 years)

.NET Core MVC - ASP.NET WebForms - Database Management - SQL - MSSQL (4 years)