SYED TAHA FAISAL

✉ tahafaisalapps@gmail.com 🌐 /Portfolio in /taha-faisal ⌂ /Tahawaztaken

Skills

Languages & Frameworks	C#, JavaScript, TypeScript, Python, .NET, ASP.NET Core (MVC, Web API), Entity Framework Core, Bootstrap, Razor Pages
Databases	Microsoft SQL Server, PostgreSQL, Azure SQL Database, MongoDB
Cloud & Automation	Azure (Functions, App Services, Bicep, DevOps), Docker, Jenkins, Git
Testing	NUnit, Playwright, Jest, Postman, Swagger

Experience

Software Developer Intern | *Government of Ontario*   **Sep 2024 - Apr 2025**

- Collaborated within a cross-functional team to **deploy cloud infrastructure solutions** for various ministries using Azure DevOps, enhancing operational efficiency across the organization.
- Developed **internal web applications** using React.js, .NET 8, and deployed via Azure Web App and Azure Functions, leveraging serverless architectures to build scalable and efficient solutions.
- Contributed in developing an **internal AI-powered chatbot** using LangChain and Retrieval-Augmented Generation (RAG), enabling secure, context-aware responses to internal knowledge queries within a private cloud environment.

Software Developer Intern | *Naryant*   **May 2024 - Aug 2024**

- Played a pivotal role in executing a complex **migration of a client website**, deploying custom pipelines that automated data extraction and migration, significantly reducing manual processing time and saving over **$16,000**.
- Implemented a dynamic discussion forum using Vanilla Forums, deployed on Azure and integrated via SSO to boost user engagement.
- Utilized **Selenium** for end-to-end testing of the migrated web application, automating user interactions and ensuring that UI elements behaved as expected across different browsers.

Data Scientist Intern | *Locomobi World Inc.*   **Sep 2023 - Apr 2024**

- Worked alongside multiple teams to design and implement a comprehensive software solution for **vehicle identification and tracking**, significantly enhancing operational efficiency.
- Applied transformer-based models for object detection (YOLOv8) and image analysis; gained foundational experience transferable to NLP and LLM-based applications for classification and tagging.
- Developed efficient Python scripts using NumPy and Pandas for streamlined data analysis, employing parallel processing to expedite the handling of large datasets, boosting system performance and project outcomes.

Projects

PitchPerfect   [**Website** | **Codebase**]

- Engineered an AI-driven interview coaching platform using ASP.NET Core MVC, empowering job seekers with data-driven insights to enhance communication
- Designed a serverless architecture with Azure Functions to asynchronously process interview responses, ensuring seamless scalability and efficiency.
- Integrated Azure Cognitive Services (Speech-to-Text) and OpenAI's GPT model to deliver deep linguistic and tonal analysis, providing comprehensive feedback post-interview.
- Implemented Stripe payment integration, enabling secure and seamless transactions for premium AI-driven interview coaching services.

ParkIt   [**Codebase**]

- Led a team of three to develop ParkIt, an enterprise application designed to combat urban parking shortages, allowing users to effortlessly list and reserve personal parking spaces.
- Implemented robust backend functionalities in C# and ASP.NET Core, incorporating SQL Server for optimized data handling.
- Integrated REST APIs to ensure seamless communication, enabling users to list and book parking spaces with reliability and precision.

Education

Bachelor of Computer Science (co-op) - BCS   **April 2025**
Sheridan College | GPA: 3.6   *Oakville, ON*

- Relevant Coursework: Data Structures & Algorithms, Database Management, Distributed & Parallel Computing
- Extracurricular: Sheridan CS Club Executive, Applied Computing Tutor, NSERC Innovation Award Nominee