Adam Yassine

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EDUCATION

Bachelor of Science, Specialization in Computer Science   **Expected 2027**
Western University, London, ON

EXPERIENCE

AI and Backend API Developer   **July 2024 – Present**
Preeminent Technologies Inc.

- Automated AI/ML model training processes using .NET 8, C#, and Azure, enhancing my skills in backend development, cloud computing, and machine learning.
- Collaborated in the fine-tuning of LLMs and ML models, applying the latest AI/ML techniques to improve the accuracy and efficiency of search processes in the travel domain.
- Integrated multiple enterprise APIs into a cloud-based platform, refining my expertise in API integration, data synchronization, and scalable software architecture.
- Executed automated test processes to validate AI/ML model performance, building proficiency in iterative testing and continuous optimization techniques.

Technical Supervisor   **September 2022 – Present**
Western University – London ON

- Integrated SQL and XML databases to dynamically generate and update graphic overlays during live broadcasts, ensuring real-time data accuracy and integrity.
- Coordinated with the IT team to troubleshoot and resolve technical issues related to broadcasting software and hardware, minimizing downtime and ensuring seamless transmission.
- Implemented and monitored the use of encoding and compression technologies to optimize broadcast quality while managing bandwidth efficiently.

Frontend Web Developer   **January 2024 – August 2024**
Wallstopia Media and Marketing Agency

- Designed and developed a fully responsive company website using HTML, CSS, and JavaScript, ensuring optimal user experience across all devices.
- Implemented interactive features and animations using JavaScript, enhancing user engagement and interaction on the website.
- Ensured the technical feasibility of UX/UI designs and integrated user-facing elements, enhancing the overall functionality and user experience of the applications.
- Employed SEO best practices to improve website visibility and search engine ranking, driving more traffic to the site.

PROJECTS

AI/ML Model for Travel Planning Platform   **July 2024 – Present**

- Developed and automated AI/ML models for a travel planning platform, optimizing search and real-time data validation. Integrated APIs, fine-tuned models, and performed iterative testing to improve predictive analytics.
- **Skills Developed**: .NET8, C#, Artificial Intelligence, Machine Learning, API Integration.

Cloud Application for AI Project Management Product with NLP   **July 2024 – August 2024**

- Developed an AI-powered project management platform, integrating generative AI to automate document creation and optimize project workflows. Worked on API integration, user management, and frontend UI development for a scalable MVP.
- **Skills Developed**: React.js, Python, Django/Flask, Cloud Applications, Generative AI, Frontend Design.

SKILLS

- **Languages:** Python, Java, C/C++, SQL, HTML/CSS, JavaScript, R
- **Frameworks:** Node.js, React.js, Django, MySQL, REST APIs, Relational Databases, Flask
- **Libraries:** Pandas, AZURE, AWS, OpenAI, Spacy.io, Celery, Cachelib
- **Developer Tools:** Git, Docker, Visual Studio, PyCharm, IntelliJ, Eclipse, RStudio, CLion (put under education)