

Adam Yassine

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EDUCATION

Bachelor of Science, Specialization in Computer Science
Western University, London, ON

Expected 2026

SKILLS

- **Languages:** Python, Java, C/C++, JavaScript, HTML, CSS, SQL (MySQL, SQLite)
- **Frameworks:** .NET Core, Django, Flask, Node.js, React.js, REST APIs, LangChain
- **Libraries and Cloud:** Pandas, SpaCy.io, Celery, Azure, AWS, OpenAI API, Google Cloud Platform
- **Developer Tools:** GIT, Jira, BitBucket, Docker, Nginx, Visual Studio, PyCharm, Microsoft Office Suite

EXPERIENCE

AI and Backend API Developer

July 2024 – January 2025

Preeminent Technologies Inc.

- Integrated enterprise APIs, mapping **2,000,000+** destinations into the platform, optimizing search processes and real-time travel data retrieval.
- Developed and maintained cloud-based backend APIs using **.NET**, **C#**, and **Azure**, ensuring scalable and secure architecture for AI-driven travel planning solutions.
- Automated AI/ML model training workflows, leveraging **Azure OpenAI** and Big Data Analytics, streamlining the fine-tuning process for LLMs and improving model efficiency.
- Collaborated on AI/ML model **fine-tuning**, applying advanced machine learning techniques to enhance search precision within the travel domain.

Software Developer Intern

July 2024 – November 2024

Agile Creative Labs

- Developed and enhanced “Fluwd”, an AI-driven project management platform, integrating **NLP**-based AI document generation to streamline project planning and execution.
- Implemented **ChatGPT SDK API** and AI-powered automation, reducing manual project documentation time while improving accuracy and compliance with PMI and **Agile** methodologies.
- Migrated infrastructure to **AWS** with **NGINX**, streamlining deployment processes and enhancing system reliability across development and production environments.
- Partook in **Agile Scrum** and daily standups to ensure project delivery and support full-cycle software development.

PROJECTS

Legal Process Automation Platform

May 2025 – Present

- Engineered an automated court-deadline and statutory-interest calculator using **Next.js** and **Drizzle ORM**, eliminating error-prone manual date computations.
- Developed secure, passwordless authentication workflows with **Clerk** integration to safeguard sensitive legal data.
- Designed a responsive, **Tailwind-CSS** UI that improved user task efficiency, including end-to-end testing pipelines with Vitest and Playwright.
- **Skills Developed:** Next.js, React, Tailwind CSS, Drizzle ORM, Clerk, Unit/Integration testing, GitHub Actions (CI/CD)

Pet Quest Simulator Game

September 2024 – December 2024

- Developed a **Java** virtual pet game with free player movement and NPCs using randomized behavior.
- Designed and implemented the front-end using **Java Swing**, enhancing UI/UX for player interactions.
- Led the optimization of data storage using **SQL** and **JSON** for player progress, saved game data, and built backend functionalities, including game commands and automated saving/loading mechanisms.
- **Skills Developed:** Java, SQL, Frontend Development, Backend Development, Data Storage, Unit Testing

Bootstrap AI Project Management Mock-up Application

November 2024

- Developed a **Bootstrap**-based project management application integrating **generative AI** for automated artifact creation.
- Built a **fine-tuned chatbot** for project management needs and created a document upload system for project charters.
- Translated design **mock-ups** into a fully functional application, ensuring the **UI** aligned with the company’s vision while maintaining usability and performance.
- **Skills Developed:** Bootstrap, HTML, JavaScript, CSS, Git, UI/UX Design, Frontend Development, Backend Development