

ZINAH AL-NAJJAR

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WORK EXPERIENCE

04/2024 – Present

IT Analyst

Privy Council Office Canada

- Using **Microsoft Power Automate** to develop automated workflows and enhance efficiencies through leveraging **HTML and CSS**.
- Integrate existing systems with **Microsoft Power Automate** to automate processes and workflows.
- Collaborating with system administrator and stakeholders to ensure the successful delivery of automated solutions.
- Troubleshoot and debug automated processes and workflows.
- Developing **Microsoft Power Apps** models and canvas driven apps.
- Research and recommended new technologies to improve the effectiveness of prototypes.
- Update technical documents and collaborate with groups on **MS SharePoint**.
- Designing and implementing Infrastructure layer diagrams for new and existing solutions using **ArchiMate and Sparx Enterprise Architecture**.
- Develop Business process models using **BPMN** (business process modeling notation) and **Sparx Enterprise architecture tool**.
- Administer enterprise ticketing queue to support different client's requests.

03/2021 – 03/2024

Enterprise Architecture Student - FSWEF (Federal Student Work Experience Program)

Privy Council Office Canada

- Participate in trend technology research to support option analysis.
- Collaborate with clients and business analyst to develop detailed business process Models using **BPMN** (Business Process Modeling notation) and **Sparx Enterprise Architecture tool**.
- Develop ERD (Entity Relationship Diagrams) and use case diagrams.
- Produce target and current state Infrastructure and application layer diagrams using **ArchiMate and Sparx Enterprise Architecture tool**.
- Perform option analysis to ensure software meets all requirements which includes functional requirements, cost estimate, security, etc.
- Convey all concepts and guidelines to team members via online meetings.
- Contribute to development of concept of operating documents with necessity of architecture models.
- Administer Enterprise ticketing queue and support clients' requests.
- Utilizing GC-docs for Architecture documentation and reports

09/2020 – 12/2020

Web Developer – Internship

Company: Lafflur

- Create and design privacy policy page for the website using termsfeed.com.
- Customized messaging center for the website.
- Communicate design ideas using user and process flows and site maps.
- Designed and Implemented members signup/signin page.
- Tested and improved the design of the website.

EDUCATION

09/2018 – 06/2024

Software Engineering B.E.

Carleton University

Ottawa, ON. Canada

12/2015 – 06/2018

High School Diploma

St. Pius X. High School

Ottawa, ON. Canada

KEY SKILLS

Programming Languages

- Java, C/C++, Python, JavaScript, Ruby, Racket, PHP

Web Development

- HTML, CSS, JavaScript, jQuery
- Spring Boot framework
- Ruby on Rails framework
- ORM: JPA/Hibernate
- Databases: MySQL
- Build Manager: Maven
- Team Collaboration: Git/GitHub

Communication Skills

- Customer service
- Technical report writing
- Team player

Other Skills

- Microsoft Power Automate, Power Apps, Excel, Word, Teams, SharePoint.
- Sparx Enterprise Architecture tool

AWARDS

- Lafflur certificate of completion (completing 4 months web developer internship)
- Ruby on Rails certificate
- Process Modeling using BPMN (Business Process Model and Notation) Certificate
- Modeling with ArchiMate and Sparx Enterprise Architect Certificate
- Microsoft Azure Fundamentals (AZ-900-T00)

- Contributed to designing the store section of the website.
- Programming Languages used (**JavaScript**, **HTML**, **CSS**), and platforms used (**Wix.com**, **Corvid development platform**).

REFERENCES

Available upon request

APPLIED PROJECTS

01/2024 – 04/2024

Web Application Development

University Course: Web Development

GitHub: <https://github.com/zinahalnajjar/Social-media-Web-application>

- Developing a local version of social media application X (Twitter)
- Implementing the client-side using **HTML** and **CSS**
- Implementing the server-side using **PHP**, **MySQL**, and **JavaScript**
- Hosted and configured Database Using **phpMyAdmin**.

09/2022 – 04/2023

Desktop Application Development

University Course: 4th Year Engineering Project

GitHub: <https://github.com/ToobaKS/EmployeeManagementSystem>

- Developing an Employee Management System
- Tools: **Java**, **Swing** **GUI Designer** **IntelliJ**, **MySQL**.
- Designed GUI using **Model-Viewer-Controller (MVC)** pattern.
- Hosted and configured Database Using **Amazon RDS**.
- Using **Git** to manage code versions.

01/2023 – 04/2023

Web Application Development

University Course: Software Engineering Laboratory

GitHub: <https://github.com/zinahalnajjar/Sysc4806-Project>

- Developing a bookstore application to sell and purchase books online.
- Tools: **Spring Boot**, **Java**, **WebSocket**.
- Designing UI using **HTML**, **CSS** and **JavaScript**.
- Using **Maven** to manage project dependencies and libraries.
- Using **Git** to manage code versions.

02/2020 – 01/2021

Web Application Development

Personal Project: Art Portfolio

GitHub: <https://github.com/zinahalnajjar/zinah-alnajjar>

- Developing my art portfolio website.
- Tools: **Spring Boot**, **Java**, **JPA**, **MySQL**.
- Using **Maven** to manage project dependencies and libraries.
- Using **Git** to manage code versions.
- Designing UI using **HTML**, **CSS** and **jQuery**.

09/2020 – 10/2020

Web Application Development

Personal Project: MessageMe Chatroom

GitHub: <https://github.com/zinahalnajjar/Message-me>

- Developing real time messaging application.
- Tools: **Rails 5**, **Ruby**, **JavaScript**, **MySQL**.
- Using **WebSocket** with **ActionCable** to implement real-time features.
- Designing UI using **HTML**, **CSS** and **jQuery**.