

MUHAMMED SAID ALTAN

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Education

Algonquin College

Sep 2023 - Apr 2025

Web Development and Internet Applications

Ottawa, ON

- Dean's Honour — **GPA: 3.77**
- Relevant coursework: Web Development (**HTML/CSS, JavaScript**), Databases (**MySQL**), Server-Side Programming (**PHP/C#**), Networking (**TCP/IP**), Web Security

Work Experience

Solace

Sep 2024 – Dec 2024

Web Developer Intern

Ottawa, ON

- Developed a seasonal internal microsite using **PHP** and **WordPress**, leading to a **50%** increase in employee engagement compared to the previous year.
- Participated in investigating build failures on Solace's developer portal by analyzing deployment logs, resolved a **Node.js** version compatibility issue, and restored the site's **CD pipeline**
- Built a collapsible table of contents by using **PHP** to convert a static structure into an interactive WordPress plugin, which reduced navigation time by an estimated **20%** on long-form blog posts

Projects

Interview Coach AI | Website | Source Code

React | Node.js | Express.js | MongoDB

- * Developed and launched an AI-powered interview preparation platform that reached 10 users on its first day, providing personalized, role-specific question sessions
- * Utilized **MongoDB** for data storage, **Express.js** and **Node.js** for a **RESTful API** backend, and **React** for the user interface
- * Built a modular **AI integration** layer using a third-party **LLM API** to generate tailored interview questions based on user-defined roles and experience levels

Restaurant Review Management System | Source Code

.NET Core | React | RESTful API

- * Developed a full-stack restaurant review management platform with dynamic form handling, synchronous updates across client-server, and a component-based UI, enabling users to perform **CRUD operations** on structured review data
- * Built using **React** for the frontend, **.NET Core** for the backend, and a **RESTful API** to manage data interactions
- * Implemented modular, stateful components for dynamic form handling and configured **cross-origin** communication to synchronize client-server operations seamlessly

Cloud Infrastructure Simulation

Docker | Linux CLI | SQL

- * Developed and deployed a containerized web application on a Raspberry Pi-based simulated **IaaS** environment using **Docker** and the **Linux CLI**
- * Configured a multi-service architecture with a web server, **SQL** database, and **CMS** to emulate a scalable and maintainable **cloud-native** deployment pipeline
- * Set up secure remote access and HTTPS for the server, making the application easier to manage and safer to use

Technical Skills

Languages: C#, JavaScript (ES6+), HTML5, CSS3, Python, PHP, SQL, TypeScript

Frameworks: React.js, Node.js, Express.js, .NET Core, RESTful APIs, PostgreSQL, MongoDB

Developer Tools: Docker, Jest, Git, Github, Google Cloud Platform, Linux CLI, IntelliJ, Visual Studio, VS Code