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, troubleshooted and resolved a **Node.js** versioning compatibility issue and restored the site's **CI/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 | Exprees.js | MongoDB**

- ∗ Designed, developed, and deployed an AI-powered interview preparation platform that reached **10 users** on its first day, providing personalized, role-specific question sessions
- ∗ Designed and implemented a secure and scalable **REST API** backend and web services using **Express.js** and **Node.js,** and integrated **MongoDB** for **NoSQL** data storage 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**

- ∗ Engineered a full-stack, scalable 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 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**

- ∗ Built and deployed a containerized web application using **Docker** and the **Linux CLI** on a Raspberry Pi, demonstrating a scalable and maintainable cloud-native infrastructure, aligning with modern cloud deployment best practices
- ∗ 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, REST API, PostgreSQL, MongoDB
Developer Tools: Docker, Jest, Git, GitHub, Google Cloud Platform, Linux CLI, IntelliJ, Visual Studio, VS Code