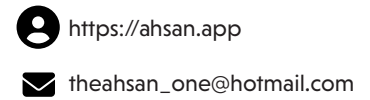


Ahsan Ahmad



Education

Queen's University

Bachelor of Computing, Computer Science

Expected Graduation, May 2025

Kingston, Canada

Courses: Data Structures, Algorithms, Computer Architecture, Human-Computer Interaction, Software Quality Assurance

Skills

Languages: JavaScript/TypeScript, Python, Java, C#

Frameworks / Libraries: React, Angular, Jasmine, Node.js, Express, .NET

Tools: MongoDB, SQL, Git, UNIX/Linux, GPT, Unity, Figma

Experience

SOTI | Software Developer Intern

January 2023 - December 2023

TypeScript • Angular • C# • .NET • SQL • Jasmine

Mississauga, Canada

- Participated in the migration of legacy codebase to modern **Angular**, reducing code complexity and improving maintainability
- Developed a reporting feature enabling users to schedule automated emails with PDF / CSV reports generated from custom data configurations for real-time insights
- Localized flagship product for Japanese market, enhancing accessibility and user experience
- Conducted thorough unit and integration testing using **Jasmine**, identifying and resolving bugs early in the development lifecycle

Projects

NBA Versus | <https://www.nbaversus.com>

JavaScript • React • Node • Express • MongoDB

- **React** web app that leverages the official NBA API to let users compare and analyze their favorite players
- Daily questions where users can cast votes, view vote distribution and track progress through a daily streak system
- Developed a parlay analyzer that displays how often a bet would have succeeded in the last n games, with a detailed display of the high, low, and average values over a specified period
- Built RESTful API using **Express** that enables users to retrieve various stats and contribute to a global leaderboard
- Implemented protected routes using **JWT** authentication allowing users to track their favorite players and teams
- Utilized **MongoDB** with **Mongoose** to define schemas and manage interactions for votes, questions and user data

Lantec Builds | <https://lantecbuilds.com>

JavaScript • React

- Responsive website for a construction company operating in Muskoka, integrating client contact forms and portfolio sections to enhance online visibility and user engagement.

Glass Vault | <https://github.com/Ctrl-Ahsan/glassvault>

JavaScript • React

- Crypto portfolio web app made using **React** that lets users see hidden analytics like total trading fees
- Retrieved and analyzed the user's trading information using Binance API
- Used **Recharts** to plot and display average-buy-price over time for each held asset