

Syed Naqvi

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Education

Western University – BS in Computer Science, Minor Software Engineering Apr 2026

- **Coursework:** Algorithms & Data Structures, Database Systems, Artificial Intelligence, Operating Systems, Object-Oriented Design and Analysis
- **Activities:** TMA: (Director of Events, First Year Representative) , IveyHacks Case Competition (2nd Place), Mustang Tutors Co-Founder, Demo-HackWestern X, Computer Science Undergraduate Society Memeber

Experience

Software Developer, Impact Earth – London, ON Aug 2024 – Present

- Developed a full-stack web application using Angular, TypeScript, and SCSS for the front-end, enhancing user experience.
- Architected and implemented RESTful APIs using Node.js and Express.js, managing data handling and reducing API response times by 25%.

Web Developer, Carolinian Canada Coalition – Toronto, ON Jul 2024 – Present

- Migrated complex hand-coded Bootstrap components to the Drupal Paragraphs system, improving efficiency and reusability of site elements, leading to a 40% reduction in development time for new pages.
- Developed a command-line JSON-to-CSV parser with Hash-based Duplication protection, to automate the extraction and analysis of Facebook post data, significantly reducing man-hours and improving the efficiency of the company's social media research process.
- Developed and maintained various CCC websites, utilizing HTML, CSS, JavaScript, Bootstrap, PHP, Drupal 10 and Twig, enhancing site flexibility and performance.
- Configured and managed a Linux-based development environment using Virtual Box, Ubuntu v22, Docker v20, and Lando, streamlining local development.

Web Designer, Western University – London, ON May 2024 – Aug 2024

- Designed websites for Dr. Osinski's platforms to enhance his team's online presence
- Applied Agile methodology to WordPress design projects, utilizing iterative sprints for continuous feedback and rapid adjustments, leading to improved design quality and praise from supervisor
- Optimized website plugins and pages to improve site speed and responsiveness

Projects

Chat To-Do (in progress) June 2024

- Developed a responsive AI-powered chat bot that takes the 'to' out of to-do lists.
- Applied a modified Prim's Algorithm to implement a task importance hierarchy by creating a MST
- Integrated Todoist API to output a to-do list using user chats
- Implemented a State-Managed login system for user authentication
- Developed with Node.js (Express.js), MongoDB, React.js, TypeScript, and OpenAI API

Attentify Project Link

- Co-managed a team to develop a productivity Chrome extension + web app centered around aiding people with ADHD
- Integrated floating notepads, Pomodoro timer, AI assistant, and Google calendar under a 36-hour time crunch at HackWesternX
- Planned micro-sprints for implementing an Agile workflow to optimize project timelines, enhance team collaboration, and improve task management efficiency
- Developed with React.js, Chrome API, Express.js, MongoDB (Database), and OpenAI API

Cyder App Prototype News Article

- Won second place in IveyHacks at the Ivey Buisness School by working with 3 non-technical students to develop an app prototype that puts the monetization of data back in the hands of users
- Pitched our solution to a panel of technical and non-technical judges including the CEO's of Cyder answering questions and explaining data privacy concepts

Skills

Proficient: Javascript (Angular, React,Node,Express, TypeScript), Java, HTML/CSS (SASS, Bootstrap), Python, C, GCC, Bash, Shell script, Git, Github, Virtual Machine, Linux, Wordpress (DIVI,Elementor), Figma, Project Managment, File Parsing, Unit Testing, JSON, Backend, Frontend, Responsive Web Development, SDLC, ARM (RISC) , Documentation Writing, Debugging, Linux, UNIX, Customer Relations, Sales, Eclipse (IDE)

Familiar: SQL, R, Cloud Platforms(AWS, Azure, Heroku), PHP, CI/CD, Docker, Data Analysis, C++ ,C#, .NET, REST API