

Syed Naqvi

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Educations

Honors Bachelors of Science in Computer Science – Western University

Expected April 2026

Work Experience

Software Developer, Traffic-Survey-Analysis Inc. via EMRC Lab – London, ON

Sep 2025 – Present

- Managed full-stack maintenance of a smart traffic-monitoring IoT system using C++ , Arduino, Azure, and Django APIs

Software Developer, Flyer Canada – Toronto, ON

Feb 2025 – Present

- Delivered a secure, real-time order tracking platform used by over 10,000+ businesses nationwide, reducing client support tickets by integrating Monday.com's API with Make.com webhooks and automating live order status updates
- Developed a QR-code analytics SaaS platform (React/Node.js/Express, MongoDB, JWT) featuring, a scan location heatmap, Device type chart, and a time-based trends graph, that auto-refresh live via WebSockets/Server-Sent Events
- Built end-to-end QR creation and management solution with custom frames, colors, and logo; generated PNG/SVG plus a short tracking URL; editable redirect and CSV export; and multi-QR management support

Full-stack Software Developer, GeoNotebook — Remote, Canada

May 2024 – Aug 2025

- Upgraded a 30k-line Angular app (v8→v18), replacing deprecated mapping libs with Google Maps API and ArcGIS to improve performance and maintainability
- Built an Express.js REST API with PostgreSQL, adding JWT/bcrypt auth, S3 file uploads via Multer, and CORS for secure client-server integration
- Designed database schema and SQL scripts and set up Heroku deployment pipelines to reliably store and retrieve crater-impact geospatial data with optimized queries
- Improved UX with Angular Material and RxJS: marker clustering, skeleton/loading states, responsive layout, and real-time map visualization

Web Development Intern, Carolinian Canada Coalition – Remote, Canada

Jul 2024 – April 2025

- Developed a command-line Facebook Data Parser for semi-structured data formats (ex. YAML, JSON) with hash-based duplication protection, automating the extraction and analysis of 23,798+ lines of post data, saving over \$6,300 in work hours
- Refactored and maintained 109+ responsive web-pages using Javascript, Bootstrap, HTML/CSS, PHP, Drupal 10, and Twig, strictly following WCAG guidelines
- Configured and managed a custom Linux-based development environment with Ubuntu v22, Docker v20, Composer, and Lando

Extracurricular Experience

Vice President of Events, TMA Western – London, ON

September 2024 – April 2025

- Negotiated a record-breaking \$315 sponsorship deal, 15x previous funding, by coordinating with external vendors and non-technical stakeholders, building strategic partnerships with restaurants across London, and effectively communicating both technical and logistical details
- Designed and implemented an Instagram-focused event marketing strategy using analytics to optimize posts, acquiring 12,400+ views and boosting engagement by 152%

Skills & Honors

Skills: Java, Python, C++ , Javascript, HTML, CSS, React.js, Angular.js, Node.js, Git & GitHub, Jira, Linux/Unix, SDLC; OOP & SOLID; Data Structures & Algorithms; Unit & Integration Testing; Secure Coding Practices, customer-focused development; leadership & ownership; teamwork & collaboration; interpersonal & communication; self-motivation with initiative; creativity & innovation; analytical & problem-solving mindset; big-picture & detail-oriented; thrive in fast-paced, ambiguous environments

Honors & Awards:

- 2nd Place, IveyHacks** : Led development of a data privacy MVP for Cyder, pitched to technical and executive judges; project focused on letting users monetize their data
- Finalist, DECA Regionals** : Competed in business case competition, advanced to finalist round in the marketing category
- Western University Scholarship of Distinction**: Awarded \$3,500 merit-based scholarship