

TASEEN WASEQ

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EDUCATION

Honours Bachelor of Computer Science, Carleton University

Sept. 2021 - April 2026

- Teaching Assistant for Web Applications Development | Entrance Scholarship of \$8000 and Deans' Honour List
- Relevant Courses: Data Structures and Algorithms, Discrete Structures II, Calculus, Linear Algebra, Databases

WORK HISTORY

Software Developer Intern, Autodesk - Full-stack / QA

May 2025

- Contributing engineering solutions to Autodesk's flagship CAD/CAM product, Fusion with **4.6M+ users worldwide** leveraging C++, QT, and internal automation testing framework
- Identified architectural gaps and coordinated cross-repository fixes for purchasable extension content, improving user experience and purchase conversion
- Diagnosed and resolved critical build environment and dependancy failures blocking engineering team productivity

Software Developer Intern, Dayforce (Ceridian) - Full-stack / QA

May 2024 - December 2024

- Collaborating with cross-functional teams to build enterprise-scale HCM software, serving **6M+ users globally**
- Delivering full-stack, client-focused solutions in React, Redux, and .NET, enhancing user experience and functionality
- Implementing Cypress automation test suites, eliminating manual testing taking several minutes to **10 seconds**

Junior Software Developer, Clincove - Full-stack / QA

June 2023 - August 2024

- Founding engineer of an industry-first cloud-based clinical trial management platform achieving **35%** faster trial startup, ensuring regulatory compliance and data integrity using PostgreSQL
- Developed real-time tracking systems reducing monitoring costs by **40%** and CI/CD practices for data management
- Built responsive pages, features and dashboards in Angular, iteratively improving UI/UX to customer specifications
- Integrated JWT-secured RESTful APIs via test-driven development with Jest unit testing, achieving full test coverage and reliable server-client communication

Software Developer Intern, Trend Micro - Back-end / QA / Internal Tools

September 2023 - December 2023

- Designed client-driven solutions for Deep Security, expanding platform capabilities and resolving deployment challenges
- Developed and maintained enterprise-level cloud security connectors for AWS, GCP, and Azure using Java EE, streamlining user authentication and improving system integration performance
- Created optimized Splunk dashboards, queries, filters, and visualizations to monitor cloud connection metrics for live customer data, efficiently handling **10,000+ synchronizations**, reducing processing time from minutes to **11 seconds**
- Strengthened AWS security infrastructure by addressing system vulnerabilities, meticulously tracking cloud resources (IAM, Lambda, EC2 Instances)

Software Engineering Intern, Ideabytes Inc. - Full-stack / QA

Feb 2022 - Jan 2023

- Implemented functionality and architecture refactoring for features including automatic translations for international shipment documents, automated PDF merging, creating end-to-end APIs connecting client and server side in Java
- Optimized Python script performance using hashmaps, significantly reducing shipment data parsing and output time
- Led front-end development of a full-featured Angular admin portal streamlining customer project and user management
- Maintained and optimized high-traffic web applications handling **1000+ daily transactions**
- Drafted database architecture and engineered SQL solutions and queries seamlessly integrating with legacy systems

PROJECTS

SocialSaplins | JavaScript, Node, Express, Firebase (Firestore, Auth), HTML/SCSS, Bootstrap

🌐 | Devpost

- Led the development of a social media platform for reforestation initiatives, leveraging optimal tree species and plant location, won **1st place overall** and the **Earth Challenge** prize at KuriusHacks: March Edition **Hackathon**
- Integrated meteorological and map APIs for user recommendations with global reforestation visualization

CS Lightwork: Programming YouTube Channel

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- Teaching understanding and implementations of algorithms, from beginner to advanced lessons with **11,000+ views**

SKILLS

Languages

Python, Java, JavaScript, PHP, C, C++, C#, TypeScript, SQL, HTML/CSS | English, French

Frameworks / Tools

Git, Angular, React, Node.js, .NET, Bootstrap, Selenium, MySQL, PostgreSQL, MongoDB, Docker