TASEEN WASEQ

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EDUCATION

Honours Bachelor of Computer Science, Carleton University   Sept. 2021 - April 2026
- Specializing in Management and Business Systems | Awarded: 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, Dayforce (Ceridian) - Full-stack / QA   May 2024 - Present
- 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 now **10 seconds**

Founding Software Engineer, Clincove - Full-stack / QA   June 2023 - August 2024
- Engineered industry-first cloud-based clinical trial management platform at healthcare startup, optimizing data management and ensuring regulatory compliance using PostgreSQL
- Developed real-time tracking systems and CI/CD practices facilitating data management of patients, sites, and sponsors
- 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 while 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

SocialSaplings | JavaScript, Node, Express, Firebase (Firestore, Auth), HTML/SCSS, Bootstrap   🐙 | Devpost
- Led the development of a social media platform for reforestation initiatives, securing **1st place overall** and **winning the Earth Challenge** prize at KuriusHacks: March Edition **Hackathon**
- Developed a tool leveraging GBIF, SoilGrids, Open-Elevation, OpenWeatherMap and Google Maps APIs to recommend optimal tree species and plant location by user geographic data, and visualization showcasing global reforestation impact
- Designed features for user profiles, posts, likes, and comments using Firebase for data management and authentication

Social Media SMS Update Bot | Python, Selenium, Twilio   🐙
- Program gathering users YouTube, Instagram, and Twitter data and returning the info by text within **17 seconds**

CS Lightwork: Programming YouTube Channel   🐙 | ▶
- Created easy to understand videos teaching both conceptual understanding, and coding of algorithms with source code available through GitHub, ranging from beginner to advanced concepts, lessons, and problems 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