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: Abstract Date Types and Algorithms, Discrete Structures I/II, Calculus, Linear Algebra

WORK HISTORY

Software Developer Intern, Dayforce (Ceridian) - Toronto, ON   May 2024 - Present
- Collaborated with cross-functional teams to deliver Human Capital Management software to over **6 million active users**, participating in design and the full software development life cycle in .NET with Cypress automation test.

Junior Software Developer, Clincove - Ottawa, ON   June 2023 - Present
- Software development of the world's first Integrated Electronic Remote Clinical Trial Medical Records System, optimizing data management, accessibility, accuracy, and regulatory compliance stored on the cloud via Postgres SQL
- Implemented real-time clinical trial, patient, site, and sponsor tracking functionality, enabling comprehensive clinical-level management of trials, while continuously refactoring existing code base as necessary during constant integration
- Developed responsive pages, features and dashboards in modern framework Angular, fixing UI/UX bugs
- Integrated API authorization and controller, with Jest unit testing ensuring reliability and security
- Designed RESTful API, modular server-client communication through appropriate request and response handling

Software Developer Intern, Trend Micro - Ottawa, ON   September 2023 - December 2023
- Software development for the Deep Security Manager product, handling client support cases on an implementation-level
- Assisting in the enhancement and maintenance of cloud connectors to ensure seamless user security integration with leading cloud providers, optimizing performance, focusing on the implementation of AWS, GCP and Azure in Java EE
- 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**.
- Contributed to the implementation of new security features, addressing vulnerabilities, while meticulously tracking the created IAM roles, Lambdas, EC2 instances, and other cloud resources for comprehensive testing documentation

Software Engineering Intern, Ideabytes Inc. - Ottawa, ON   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
- Improving time and memory efficiency of existing code using advanced data structures and algorithms in Python scripts
- Developed entire front end for customer Administration Portal, facilitating project and user management in Angular
- Maintaining software and support across the codebase for web applications handling **1000+** daily transactions
- Drafted architecture and engineered multiple SQL tables and queries; properly integrating with existing databases

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 **Hacakathon**
- Developed a tool utilizing GBIF, SoilGrids, Open-Elevation, and OpenWeatherMap APIs to recommend optimal tree species and planting location based on end-user geographic data.
- Implemented a tree planting visualization with Google Maps API to showcase global reforestation impact
- Desgined features for user profiles, posts, likes, and comments, using Firebase for data management and authentication

CS Lightwork: Programming YouTube Channel   🔗 | ▶
- Simplified videos teaching both the conceptual understanding, and the coding of algorithms with all source code available through GitHub, ranging from beginner to advanced concepts, lessons, and problems with **11,000+ views**

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**

SKILLS

Languages	Python, Java, JavaScript, PHP, C, C++, C#, TypeScript, SQL, HTML/CSS | English, French
Frameworks / Tools	Git, Angular, Node.js, React, Bootstrap, Selenium, MySQL, PostgreSQL, MongoDB, Docker