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, Deans' Honour List
- Relevant Courses: Discrete Structures, Data Structures and Algorithms, Systems Programming, Intro to Python, Object-Oriented Programming (Java), Web Applications, Database Management Systems, Intro to Software Eng.

WORK HISTORY

Software Developer Intern, Trend Micro - Ottawa, ON   September 2023 - Present
- 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, primarily focusing on the implementation of AWS, GCP and Azure
- Created Splunk dashboards leveraging SPL, designing queries, search filters, and visualizations to monitor vital cloud connection statistics, logs, and metrics using live customer synchronization data for simplified comprehensive analysis
- 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

Junior Software Developer, Clincove - Ottawa, ON   June 2023 - Present
- Software development and enhancement of the world's first Integrated Electronic Remote Clinical Trial Medical Records System, optimizing data management, accessibility, accuracy, and regulatory compliance
- Implemented real-time 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 and interactive pages, features and dashboards in modern frameworks, addressing UI bugs
- Integrated API authorization and controller, and unit testing using Jest ensuring application reliability and security
- RESTful API design, modular server-client communication through appropriate request and response handling

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
- Improving time and memory efficiency of existing code using advanced data structures and algorithms
- Developed entire front end for customer Administration Portal, facilitating project and user management
- Responsible for software maintenance and support across the codebase for web applications handling 1000+ daily transactions; quickly delivering and efficiently written solutions for database and code related issues
- Drafted architecture and engineered multiple SQL tables and queries; properly integrating with existing databases

PROJECTS

TAWallet: Investment Hub
- Web application for retail investors to track all of their market investments in one place
- Real-time price tracking for 2400+ companies through the implementation of the MarketStack's Stock API
- Allowing users to add buys/sells, check the performance and value of their individual stocks, and the entirety of their portfolio stored through the implementation of a mySQL database using JSON structure, export to .xlsx
- Integrated secure credential storage and thorough input, purchase, and sale validation

Social Media SMS Update Bot
- Program gathering users YouTube, Instagram, and Twitter data and returning the info by text within 17 seconds
- Automated web scraping and form submission with Selenium, outgoing text message using Twilio API

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 10,000+ views

SKILLS

Languages	Python, Java, JavaScript, PHP, C, C++, TypeScript, SQL, HTML/CSS	English, French
Frameworks / Tools	Git, Angular, Node.js, Express.js, Ionic, Bootstrap, Selenium, MySQL, Mongodb, RESTful API