Farouk Kazeem

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Summary

Final year student with education and experience in web development. Highly poised and dedicated with talent in design principles and programming languages. Excellent eye for visual aesthetics paired with strong insight into data and backend functionality.

Education and Training

University of Ottawa Ottawa, ON
Bachelor of Science Computer Science
Expected in July 2022

- Dean's List Honoree Winter 2020
- Completed coursework in Cryptography, Information retrieval from the internet, Data structures and Algorithms, WWW structures, techniques and standards, Operating systems ,Design and Analysis of Algorithms,Introduction to AI and Data science.

Skills

- **Languages** - Java, HTML/CSS, TypeScript/JavaScript,C++ SQL (Postgre), NoSQL (MongoDB)
- **Frameworks** - React, Angular, Node.js, Electron
- **Tools** - Git, Firebase, Visual Studio, Android Studio

Projects

Real-Time Note Sharing Web Application
- Built the frontend using HTML, CSS, Javascript and Bootstrap.
- Created a backend server using NodeJS with Express framework.
- Stored user information using MongoDB database.
- Provided login support using PassportJS.
- Inter-user chat and commenting feature using SocketIO.

Microblog information retrieval system
- The IR system was implemented using the Java programming language.
- Hash tables, Lists, and Arrays were used as data structures for the robust indexing of words in the tweets.
- Computed the similarity scores between a query and each document using the cosine method.
- Used the Porter stemmer algorithm to stem the index words.

Online Marketplace
- Allowed users to create accounts, list products, add products to shopping carts and processed payments.
- Implemented real-time auctioning capabilities and order management tools.
- Implemented the front end using HTML, CSS and Javascript following the MVC architecture.

Web-Based Classroom Application
- Implemented a full stack web application that allows users add courses, track their progress, enrol in courses and view course enrolment statistics.
- Implemented a role-based access to resources and actions