INSOO SON

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OBJECTIVE

Computer Science graduate with hands-on experience in full-stack and game development, seeking an entry-level developer role to apply technical expertise in creating intuitive and scalable applications.

SKILLS

Programming	JavaScript, C#, C++, Java
Back-End	NodeJS, MySQL, MongoDB, REST API, AWS EC2, Firebase, SQL, ASP .NET Core
Front-End	ReactJS, Redux, VueJS, HTML5/CSS3, Sass, React Native
Management	GitHub, ClickUp, SCRUM

PERSONAL PROJECTS

WEB ARCADE (Full-Stack project)   Oct 2023 – Dec 2023
https://webarcade.onrender.com/
- Implemented a game platform that hosts web-based games and ranking system, serving 120+ users in total
- Integrated 3rd party games into the platform by making a seamless transition from VueJS/AnglularJS to ReactJS.
- Deployed the platform to a sub-domain of a service hosting platform, Render, with TLS certificate
- Implemented JWT and Bcrypt for robust user information protection and authentication
- Gained in-depth understanding of the differences between various frameworks, including AngularJS, VueJS, and ReactJS

DATING APP (School project as group of two)   Mar 2024 – Apr 2024
https://github.com/insooeric/DatingApp
- Developed a dating web application that match users based on there interest and location by integrating a matching algorithm on top of pre-collected geographical information of every city
- Implemented Role-Based Access Control (RBAC) to ensure secure and efficient user management
- Utilized Postman for effective communication and coordination with the front-end developer
- Learned RBAC functionality and how to analyze different datasets to improve the user matching algorithm

CACATUA (Full-Stack team project)   Sep 2024 – Present
- Developed application using Electron Forge with TypeScript for Front-End, and ASP .NET Core with C# for Back-End
- Roll Based Access Control implemented for appropriate user management
- Realtime Database / None-SQL Database used for Realtime chat and data manipulation using Firebase
- Performs Register/Login/Logout securely with email verification
- Handled authentication and authorization using Firebase Auth along with RS256
- Accurately manipulated API and JWT for Front-End and Back-End communication

EDUCATION

Computer Programing and Analysis   2021 - 2024
Fanshawe, London, ON
Relevant Courses: Web Client/Server Application, Full-stack development, Database Design and Analysis, Networking, Mobile Development, Unity Game development