Kipp Adrich Joseph

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EDUCATION

Grant MacEwan University   Edmonton, Alberta, Canada
Bachelor of Science in Computer Science   January 2020 - April 2024 (Expected Graduation)
Relevant Coursework:

Data Structures & Algorithms	Software Engineering	Organization & Architecture
Database & Management Systems	Computer Networks	Computer Security

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PROJECTS

Tulai Language Translator Chrome Extension | https://github.com/Breaking-Barriers-Chat-App/Tulai
- Created a Chrome extension at a HackED hackathon to overcome language barriers. The extension highlights text, translates it, and suggests a reply, enhancing user communication.
- Utilized the ChatGPT API, by using python and flask to send prompts based on user inputs to enhance the translation and interaction capabilities of the extension.

Wasabi App Project | https://github.com/CrimsX/Wasabi
- A Capstone Flutter application featuring Node.js sockets for real-time messaging, enhancing user communication capabilities.
- Integrated various technologies, including Flutter, Node.js MySQL, and Cybera, to deliver a comprehensive commination.
- On track to add a collaborative feature and Videocall and voice call using webrtc by April 2024 .

Android Shift Management App | https://github.com/macewanCS/f23ritchie
- Engineered a Full Stack Android app, enabling effortless employee addition, removal of employee using Kotlin and MySQL.
- Implemented an Agile approach, utilizing Scrum sprints and user stories to track project's progress.

Secure Message Transfer Protocol Project | https://github.com/AdrichJoseph/Group4_Project361
- Developed a secure message transfer protocol in Python 3, utilizing sockets for client-server messaging.
- Implemented RSA encryption, ensuring the confidentiality and integrity of communication. Employed AES encryption and SHA-1 hash verification to prevent man-in-the-middle attacks.

Web Portfolio |
- Created and designed a web portfolio using HTML, CSS, JavaScript, React, and NEXT.js, showcasing a range of projects and skills.

SKILLS

Programming Languages: Python, JavaScript, Dart.
Familiar with C#, C, Kotlin.
Web Technologies: HTML, CSS, Asp.NET, NextJs, Node.js, React
Database, Tools, and methodologies: SQL, Wireshark, GitHub, Agile, Scrum.

EXPERIENCE

Full-time Manufacturer at Aurora Cannabis   **October 2019 – April 2022**
- Demonstrated teamwork skills in a manufacturing environment while pursuing full-time university studies.
- Exhibited strong problem-solving abilities in resolving technical issues during production