Renojan Kannan

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EDUCATION

Honours Bachelor of Science, Computer Science (French Immersion)   **September 2021 - December 2025**
University of Ottawa - Ottawa, ON   *GPA: 3.2*

WORK EXPERIENCE

Trillium Health Partners Foundation   **Toronto, ON**
Jr Digital Data Analyst   *January 2024 - April 2024*
- Designed responsive web elements across company website
- Implemented event tracking across company website using Google Tag Manager and HTML
- Conducted preliminary data analyses to identify trends and anomalies
- Managed and improved accuracy of Google Analytics 4 account
- Streamlined reporting processes in order to improve efficiency through various dashboards and reports

Trillium Health Partners Foundation   **Toronto, ON**
Help Desk Technician   *June 2023 – August 2023*
- Spearheaded deployment of Office 365 to the entire organization, including hosting training sessions, installations and documentation for all IT software and new deployment software
- Assisted in deployment of the first robust ticketing system on Jira
- Procurement, tracking and deployment of all assets coupled with developing asset management strategy
- Responsible for onboarding all new staff with system access, MFA and work devices
- Assisted in troubleshooting all IT equipment and software for staff

PROJECTS

Meal Delivery Service (Full-Stack)
Coursework: Semester long project
- Designed a responsive mobile application for users to order and deliver home-cooked meals from local cooks
- Programmed registration page, user profiles and app interactions for both cooks and customers **(Java)**
- Implemented Google Cloud's **Firebase** to store user information, local cook menus and other aspects in real-time
- Developed unit test cases for testing and automation

RAG-based LLM Application (Full-Stack)
Personal Project
- Web scraped League of Legends champion lore pages from Riot Games, compiling a robust dataset for analysis
- Preprocessed and chunked data, generating vector embeddings for efficient storage and retrieval **(Python)**
- Integrated OpenAI's Language Model (LLM) to enable users to query the lore database
- Implemented strategic prompt engineering techniques to optimize context understanding and refined responses

Riot Games Statistics Tracker (Full-Stack)
Personal Project
- Designed responsive web application for users to see key performance statistics of their LoL accounts
- Implemented a robust solution using **React** for the frontend, **Python** for backend functionalities, and **RESTful API**s to seamlessly connect and fetch data from Riot Games API

SKILLS & INTERESTS

Programming: Java | Python | Golang | JavaScript

Web & Database: HTML | CSS | MySQL

Frameworks: ReactJS | React Native | Django

Tech: Git | Visual Studio | VSCode | Eclipse | MS Office

Language: English | French | Tamil