Thayan Sivathevan

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Full Stack Software Engineer

Well versed in building Full-stack applications

WORK EXPERIENCE

Trilogy • Remote • 03/2024 - Present
Software Engineer • Full-time

- Developed a Python tool to analyze Git repository commit data, enabling better evaluation of code changes and decision-making processes.
- Implemented efficient AWS resource utilization strategies, achieving an annual cost reduction of $200,000 USD.

Parametric • 10/2022 - 03/2024
Full Stack Software Engineer • Full-time

- Developed and deployed several full-stack Retrieval-Augmented Generation (RAG) applications to help users solve their problems
- Gained hands-on experience with using several Large Language Models (LLMs) for generation and testing
- Developed a comprehensive testing framework for evaluating the accuracy and quality of Large Language Model (LLM) generations, ensuring reliable and consistent outputs.

Ontario Tech University • 01/2021 - 08/2022
Full Stack Web Developer

- Developed several full stack web applications using the MERN stack.
- Developed ConsentBlock, a blockchain solution to privacy. It allows organizations to request and access data, and for users to control their personal data and who has access.
- Developed a CSV evaluator web application to read course data and evaluate the course outcomes and display graphs based on the data.

PROJECTS

ThayanGram
ThayanGram is an Instagram clone developed using the MERN stack. It replicates user authentication, photo sharing, likes, comments, and user profiles. ThayanGram offers a seamless social media experience with real-time interactions.

Slimbot
Slimbot is an LLM-based chatbot designed to answer League of Legends-related queries by leveraging the Riot API and other tools, such as Op.gg. It provides users with builds, stats, and personalized responses based on their interactions and game data.

SKILLS

DynamoDB, Git, GraphQL, GRPC, NodeJS, NOSQL, Postgres, Protobuf, REST, SQL

Languages: C#, GoLang, Java, JavaScript, Python, Ruby on Rails, Rust, Typescript

Frameworks: Angular, Express, NextJS, React, Redux, Svelte

Databases: MongoDB, MySQL, PostgreSQL

Cloud: AWS, EC2

EDUCATION

Bachelor Of Engineering in Software Engineering
Ontario Tech University Oshawa
09/2018 - 04/2023