Saryuhan Logeswaran

Telephone: (437)488-4976 | Email: saryuhan.logeswaran@gmail.com

SKILLS

- **Programming & Software Tools:** Node.js, JavaScript, TypeScript, NestJS, Express, NextJS, Prisma ORM, EthersJS, Jest, Chai, Mocha, C, C++, Java, The Graph, GraphQL, Swift, Solidity, H2, FireBase, MySql, SpringBoot, Git

EDUCATION

Bachelor of Applied Science (BASc): Computer Engineering   Sept 2019 - 2024
University of Toronto – St. George Campus, Toronto, ON

- Relevant coursework: Machine Learning, Operating Systems, Algorithms & Data Structures, Networks

EXPERIENCE

Full Stack Software Developer   May 2022 - April 2023
Uniblock | Toronto, ON

- Developed node packages using Node.js for the Uniblock SDK that allow developers to easily implement functionalities provided by EthersJS, Uniswap, Wagmi, and RainbowKit
- Reduced the number of metrics backends by replacing our individual backends with a unified backend with NestJS and Prisma ORM
- Updated documentation to include newly implemented packages and refined pre existing documentation to include better examples and tutorials
- Tested packages using a mock NextJS frontend to simulate end user usage and used Jest to create unit tests for all functionalities and edge cases for each package
- Debugged packages to resolve issues found and rewrote portions of packages to increase efficiency

Full Stack Blockchain Software Developer   May 2022 - April 2023
Anifty | Toronto, ON

- Created a subgraph using The Graph and GraphQL to keep track of NFT transactions made on Anifty's marketplace contracts as there was no previously implemented method to keep track of creator sales
- Developed endpoints using Express that can fetch creators on Anifty based on filters such as creator sales and creation amounts
- Integrated new marketplace creator filters on the frontend using React and the endpoints mentioned above to showcase sorted creators and NFTs

Software Project Manager   Feb 2020 - April 2020
ECE297 Full Course Project | University of Toronto, Toronto, ON

- Managed and worked in a small team to develop a Google Map like application in C++
- Developed an API that communicated with the OSM database and completed necessary computation
- Designed the GUI and map graphics with a consistent colour scheme and intuitive features
- Implemented shortest path algorithms like A* and Djikstra's to find optimal paths between points
- Planned and hosted team meetings to track progress, goals, and milestones
- Practiced version control using Git and gained experience with project life cycle

Freelance Software Engineer   May 2020 - Present
Various small programming work

- Developed a set of APIs that performed CRUD operation on AWS S3 buckets using NodeJS
- Implemented user authentication and authorization using the OAuth 2 standard and JWT
- Developed a REST based API for a SaaS based application

PROJECTS

Blockchain Smart Contract   June 2021 - Present
Smart Contracts for BSC tokens
- Developed Smart Contracts for tokens on the Binance Smart Chain using Solidity
- Completed functionality testing on the testnet and deployed onto the mainnet
- Deployed onto the mainnet and listed token on PancakeSwap