

Liam Earle

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Experience

Bluedrop ISM

Jan 2022 – Aug 2022, May 2023 – Aug 2023, Jan 2024 – present

Full-Stack Developer

- Experience doing both backend and frontend development using modern tools
- Helped build high quality REST APIs using NodeJS
- Made contributions to build and modify high-quality user facing front-end user interfaces using modern frameworks (AngularJS and ReactJS)
- Experience doing extensive unit and integration testing using Sinon and other Javascript testing frameworks.
- Worked independently to implement REST APIs into many front-end projects to allow for dynamically changing links on a per organization basis
- Utilized tools such as Jira and GitHub to manage and keep track of ticket backlogs and timelines
- Working independently and as part of an agile team

Retrievium (Memorial University)

Sept 2022 – Sept 2023

Full-Stack Developer (Part-Time)

- Experience doing both backend and frontend development using modern tools
- Helped build high quality REST APIs using FastAPI and Remix
- Made contributions to build and modify high-quality user facing front-end user interfaces using ReactJS and Remix
- Utilized tools such as GitHub to manage and keep track of ticket backlogs and timelines

Freelance Web Development

June 2022 – present

Friends of Victoria Park, DETechnologies, MUN Engineering Society

- Created static and dynamic websites for individual organizations
- Utilized modern technologies such as AstroJS, NextJS, ReactJS, and TailwindCSS to build a beautiful front-end user experience
- Used NodeJS, FeathersJS, PostgreSQL and Supabase to build backend REST APIs for various dashboards and event management systems
- For more information of my freelance work visit <https://liamearle.ca>

Education

Memorial University of Newfoundland

St. John's, NL, Canada

Bachelor of Engineering - Computer Engineering

2020 – present

Groups: Treasurer IEEE Student Branch, Software Lead MUN Baja, Software Team Paradigm, Software Team MUNStar-1

Skills

JavaScript (ReactJS, NodeJS, AngularJS, ExpressJS), TypeScript, Dart (Flutter), C++, Python, Java, C#, HTML, CSS, SQL (PostgreSQL, SQLite), NoSQL (Firebase), REST-APIs, WebSockets, GraphQL, Webpack, Unit Testing, Git, JIRA, Docker, GitHub Actions, TailwindCSS, ChakraUI, Astro, Agile Development

Projects

Copper Social

Jan 2024 – Mar 2024

- Final project for ECE 5010 that allows users to create and join chat rooms to communicate with others. It is a combination of Discord and Instagram.
- Built using RemixJS, React, ChakraUI, and Axios to create a beautiful and responsive front-end user experience
- Utilized PrismaJS, SQLite, WebSockets, and ExpressJS to create a high-quality REST APIs and real-time chat functionality
- Containerized the application using Docker for easy deployment and scaling

Awards

Endowment Fund Scholarship

\$2500

Memorial University

2020

Ann Neville Scholarship

Unifor Local 410

\$1000

Regional At Large Scholarship

\$500

2021

NAPE

2020