

# Liam Earle

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## Experience

### Bluedrop ISM

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

*Full-Stack Developer*

- Proficient in building high-quality REST and GraphQL APIs using NodeJS and contributing to frontend development with AngularJS and ReactJS.
- Skilled in conducting extensive unit and integration testing using frameworks like Mocha and Sinon for JavaScript testing.
- Demonstrated expertise in major project refactoring and deployment of new services, ensuring seamless integration, improved system performance, and leveraging containerization technologies like Docker and Kubernetes.
- Skilled in project management tools like Jira and GitHub, adept at managing ticket backlogs, timelines, and adapting to diverse project needs within agile teams.

### 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

### 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

## 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

- Developed and maintained a monorepo for Copper, a communication platform amalgamating features from Discord and Instagram.
- Implemented front-end functionalities using RemixJS, React, and ChakraUI, enhancing user experience and interaction.
- Engineered robust back-end solutions utilizing Express.js, Prisma, and SQLite, ensuring efficient RESTful API development and data management.
- Integrated real-time messaging features leveraging SocketIO, enhancing user engagement and interactivity within the platform.

## Awards

### Endowment Fund Scholarship

\$2500

Memorial University

2020

### Ann Neville Scholarship

\$1000

Unifor Local 410

2021

### Regional At Large Scholarship

\$500

NAPE

2020