

# Abhirami Muraleedharan

✉ [abhiramims333@gmail.com](mailto:abhiramims333@gmail.com) 🏠 Milton, ON [LinkedIn: Abhi Murali](#) [GitHub: Abhi-MS](#) [Portfolio](#)  
*React.js, HTML, CSS, Bootstrap, Node.js, MongoDB, Photoshop, Flutter, Python, JavaScript, C++*

## EXPERIENCE

### Program support Analyst (Volunteer)

October 2023 – Present

Reimagine Labs - Toronto, ON

- Contributed to front-end web development for the company website, focusing on enhancing UI/UX elements to elevate user interaction and experience.
- Orchestrated the design process in Figma to craft visually compelling marketing and social media assets, meticulously ensuring aesthetic excellence and strict adherence to brand guidelines.
- Engineered and crafted custom GPT (Generative Pre-trained Transformer) models to meet project-specific requirements, harnessing advanced AI techniques to optimize functionality and performance for prompt-based tasks.

### App developer (Volunteer)

October 2023 – December 2023

Cite des Rocheuses – Calgary, AB

- Assisted in the development of a mobile application using the Adalo platform, serving francophone and newcomer community in Alberta.
- Resolved coding discrepancies to ensure the optimal functionality of the HTML renderer component within Adalo

### React photography portfolio [GitHub](#)

January 2024

React.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap, React Bootstrap

- Developed a modern, dynamic, and responsive single-page web application using React.js for a photography portfolio.
- Implemented responsive design principles using Bootstrap, React Bootstrap and CSS to ensure compatibility across various devices and screen sizes.
- Delivered a bug-free, interactive React application, showcasing proficiency in front-end technologies and problem-solving skills.

### Full Stack To do Node.js web app [GitHub](#)

August 2023

HTML, CSS, JavaScript, Bootstrap, Node.js, express, EJS, NPM, MongoDB, Mongoose

- Completed the end-to-end development of a fully functional ToDo web application aimed at providing users with an intuitive and seamless task management experience.
- Implemented dynamic task handling, including features such as task addition, deletion, and task completion.
- Successfully deployed the web app on the Render platform, demonstrating proficiency in deploying and hosting web applications.
- Incorporated Bootstrap to enhance the visual appeal and ensure a responsive design, providing users with a seamless experience across various devices.
- Implemented a MongoDB database using Mongoose to store ToDo list items persistently.
- Utilized Node.js for server-side development, ensuring efficient handling of requests and seamless interaction with the MongoDB database.

### A News a day web app [GitHub](#)

June 2023

Node.js, express, axios http client, newapi public API

- Developed a dynamic website showcasing a single random news article from around the world on each visit.
- Utilized Express and Node.js as the platform for server-side development, demonstrating proficiency in creating robust and scalable web applications.
- Incorporated Axios as the HTTP client to efficiently fetch data from the NewsAPI public API, ensuring real-time news.

### Website for RR dental clinic [GitHub](#)

May 2023

HTML, CSS, JavaScript

- Created a professional and visually engaging website for a dental clinic. Implemented responsive design using HTML, CSS, and JavaScript, ensuring optimal user experience. Incorporated media optimization techniques and continually enhanced the site's features based on user feedback.

### Data Aggregation System [GitHub](#)

December 2023

Node.js, MongoDB

- Developed a Node.js API with endpoint dedicated to aggregating data from a MongoDB database, specifically focusing on a school system, and generating summaries.
- Engineered an efficient aggregation endpoint within the system, amalgamating data from various tables (e.g., Students, Teachers, Classes) to derive critical metrics for informed decision-making.

Node.js, Socket.IO, HTML, CSS, JavaScript

- Created a real-time chat system using Socket.IO and Node.js, establishing WebSocket connections between the server and client-side scripts.
- Developed server-side functionality in Node.js to manage incoming messages and broadcast them to all connected clients, ensuring seamless real-time communication.
- Demonstrated proficiency by testing the chat application with multiple clients, validating its ability to facilitate real-time chatting and message sharing among users.

## API Development & Scalability [GitHub](#)

December 2023

Node.js, JavaScript, Postman

- Engineered a RESTful API for School System operations, enabling CRUD functionality for student data through various endpoints.
- Implemented efficient cursor-based pagination within the API, ensuring optimal performance in handling extensive datasets while adhering to RESTful principles.
- Utilized Express.js with Node.js to create a scalable API architecture, prioritizing cursor-based pagination for effective data management and optimal performance.

## CERTIFICATES

### The Complete 2023 web development bootcamp

May 2023 – December 2023

- MERN web development
- REST API
- Web3, DApps
- Git version control
- Authentication & security
- Heroku

### Google IT automation with Python professional certificate

November 2022 - March 2023

- Crash course in Python
- Using Python to interact with the operating system
- Introduction to Git and GitHub
- Troubleshooting and debugging techniques
- Configuration management and the Cloud
- Automating real-world tasks with Python

## SKILLS

- |                |         |              |               |           |           |
|----------------|---------|--------------|---------------|-----------|-----------|
| • HTML         | • CSS   | • JavaScript | • Bootstrap   | • Node.js | • MongoDB |
| • SQL          | • React | • jQuery     | • Python      | • Flutter | • Axios   |
| • Unit Testing | • GCP   | • Photoshop  | • Concurrency | • Git     | • C++     |

## LEADERSHIP

- Co-ordinated the arts festival “Ragam” of NIT Calicut as senior executive of media committee.
- Co-ordinated National Service Scheme activities for social services as leader of the unit for two years

## EDUCATION

Master of engineering in civil engineering (CGPA: 3.76/4.3) [Queen's university, Kingston, ON](#)

August 2020

Bachelor of technology, civil engineering (CGPA: 7.84/10) [NIT Calicut, India](#)

June 2019

Relevant courses: Computer programing (C, datatypes), finite element analysis using visual studio C++.

Technical high school (CGPA: 9.5/10) [THSS Vattamkulam, India](#)

June 2015

Relevant courses: Electronics, electrical & computer science & IT (C, C++, BASIC, CMD, object-oriented programming, etc.)

## INTERESTS

- Freelance commercial photographer. Website: [abhimurali](#) , nature/wildlife photography, travel