

# Rahul Nagulapally

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| GitHub: <https://github.com/rahulnag7963> | Website: <https://rahulnag7963portfolio.netlify.app/>

## EDUCATION

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### UBC

B.S. in Computer Science

Expected Graduation, April 2024

- **Concentrations:** Web Development and Fullstack Engineering
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Networks, Web Development, Game Design, Object-Oriented Programming, human-computer interactions, parallel computing, data analysis

## EXPERIENCE

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### Ocean Networks Canada

Software Developer Intern

Jan 2023 – Aug 2023

- Updated enzyme component test scripts to Cypress tests to optimize and streamline testing, and increase test speeds by 50% with greater than 80% coverage.
- Developed end-to-end tests using selenium with above 80% coverage, while maintaining standards practiced at the workplace, ensuring high code quality and reusability.
- Optimized and updated several typescript components based on client feedback for the user interface.

### Global Relay

Software Developer Intern

Sept 2022 – Dec 2022

- Utilized Java Springboot and React to help modernize JSP pages into React web pages, utilizing their custom UX design elements for their web pages.
- Worked in collaboration with the GAS team to further develop parts of their application alongside senior-level developers.
- Developed and cleanup endpoints in the backend along with creating documentation for said endpoints in SwaggerUI.

## PROJECTS

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### [MERN stack E-commerce Website](#)

Personal Project

July 2022

- Created an E-commerce website with CRUD operations, where data is sent to REST service in MongoDB, allowing users to update and retrieve information from a NoSQL database using a cloud provider.
- Created web app using MongoDB for the backend, express for the middleware and react along with Bootstrap for the frontend.

### [Cryptocurrency Price Checking Website](#)

Personal Project

August 2021

- Developed a high-quality web application to check the top 250 cryptocurrencies by market cap.
- Created using React ChartJS, and Bootstrap. utilizing the CoinGecko API to fetch prices, market cap, and other important variables that a cryptocurrency can contain. The website is hosted on Fleek (Web 3.0 hosting service).

## ACTIVITIES AND LEADERSHIP

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### Asian Student Association

Junior Executive

Sept 2023 – Current

- Collaborated with over 30 students to help organize events, raise money and promote diversity of all Asian cultures represented across campus.

## SKILLS

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**Programming:** Java, Typescript, JavaScript, HTML/CSS, SQL, Node.js, React.js, Java Spring Boot, MongoDB, Express, Bootstrap

**Tools:** Visual Studio Code, IntelliJ, Eclipse, Jupyter Notebooks, Git, Agile, Jira, OpenAP, SwaggerUI, R studio, Excel, Cypress