

# Richard MAC

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## Education

### British Columbia Institute of Technology Computer Systems Technology, Diploma

2023

**Class Representative:** I excelled in communication to resolve issues to bridge the gap between students and instructors. My role extended beyond problem-solving as I shared successes to foster collaboration and improve overall student experience. This experience enhanced my leadership and interpersonal skills.

## Skills

**Languages:** Javascript, Python, Java, HTML, CSS, C, C++, C#

**Technologies:** React.js, Next.js, Express, Typescript, AWS, Git, .NET, Node

**Databases:** MongoDB, PostgreSQL, MySQL, Firestore

## Work Experience

### RDNKN | Full Stack Developer | (Sponsored Project)

Sept 2022 – Dec 2022

- Conducted keyword research to enhance SEO, improving visibility through search engine results
- Spearheaded the redesign of the Canadian shopify website demonstrating expertise in e-commerce platforms and web design
- Improved the website's filtering system and updated the product collection types with standardized naming conventions.

### Inter Explore | Full Stack Developer | (Sponsored Project)

March 2022 – May 2022

- Developed a full-stack mobile application based on client requirements, allowing users to cluster together based on interest to chat and set up events using React Native, MongoDB, Express, and Node.
- Created business logic for user login/creation functionality.
- Implemented a RESTful API to control user information and images in a database to dynamically display on the application.
- Led daily standups to ensure efficiency and organization using agile methodologies.
- Designed and implemented the application homepage and profile page.

### Aritzia | Warehouse Associate

August 2016 – August 2022

- Efficiently picked orders according to established protocols, ensuring accuracy and timeliness in fulfilling demands
- Won awards for best performance in ecommerce and retail picking during sale periods
- Managed inventory levels by conducting regular stock counts, identifying discrepancies and reconciling variances to ensure accurate inventory records
- Collaborated effectively with team members and supervisors to prioritize tasks, coordinate workflow and meet daily production targets

## Projects

### Nature Go | Full Stack Developer

2021

- A full-stack application that encourages users to capture photos of different animals to receive in-depth information about the wildlife around them and store in their collection with an incentivized points system.
- Utilized Google Lens API to detect animals based on the image and deliver information back to the user.
- Worked on the system to display animal information from a wildlife API based on given names.
- Designed and implemented CRUD features for the profile page interface.
- Led the team in daily scrums as the scrum master.
- Used JavaScript, Node.js for the backend and HTML/CSS for the frontend.

### Pugma Ultima | Software Developer ( Core Mechanics Team )

2021

- Worked in a large team of twenty, split into five sub-teams to create a network platform fighting game using Unity engine and Photon.
- Created character movement mechanisms.
- Helped build network architecture to make the application capable of being played online.