

# DUC MINH PHAM

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## EDUCATION

### Seneca Polytechnic College

Ontario College Advanced Diploma of Computer Programming & Analysis.

Toronto, Canada

GPA: 3.90/4.0

- Concentrations: Programming Languages, program design, and system analysis.

## SKILLS

- Proficient with Javascript, HTML5, and CSS3.
- Experienced with various frameworks such as React, Node.js, Next.js, TailwindCSS, and jQuery.
- Familiarity with Python, C++, and C.
- Skilled in database management and design with SQL, MongoDB, and PostgreSQL.
- Knowledge of version control such as Git including Github.
- Capability to work on front-end, back-end, and full-stack development.

## PROJECTS

### Portfolio Website

April 2024 - Present

Next.js, React, TailwindCSS, and Git.

- Designed and developed a personal portfolio website to demonstrate my skills, and projects in web development.
- Built the site using Next.js for server-side rendering and React for a dynamic user interface. Applied TailwindCSS for styling and responsiveness, ensuring the website works on various devices.
- Improved my online presence, resulting in a 50% increase in contacts and potential recruiters.

### The Met Museum

December 2023

Next.js, React, Bootstrap, Node.js, Express.js, MongoDB and JWT.

- Created a full-stack application that interacts with the Metropolitan Museum of Art's public API, allowing users to explore and search the museum's collection of over 470.000 artworks.
- Designed a responsive front-end providing a seamless user experience across different devices.
- Implemented a Node.js, Express.js back-end to manage user authentication and session handling, with secure login and logout features using JWT. Utilized MongoDB to store user data including username, hashed password, list of favourite artworks, and search history.
- Integrated RESTful APIs for efficient data retrieval from the Met's open-access datasets, allowing users to view high-resolution images and detailed information about the artwork.

### Saigon Lotus Employee Time Tracking

March 2024 - Present

Javascript ES6, Next.js, React, TailwindCSS, Node.js, Express.js, MongoDB and JWT.

- Developed a web app to allow restaurant staff to clock in, clock out, and view their working time records with a responsive front-end using Next.js, React, and TailwindCSS.
- Built a back-end with Node.js and Express.js, handling data storage and retrieval for employee records, using MongoDB to maintain data such as working dates, start times, end times, and total hours worked.
- Integrated JWT-based authentication to ensure secure access, allowing only the restaurant owner to add new employees, handle a list of employees, edit time records, and check total hours within a specific date range.
- Provided a reliable system for employees and owners, allowing for precise time record management while enhancing restaurant operating efficiency.
- Demonstrated full-stack capabilities by integrating front-end interactivity with safety back-end operations, focusing on user authentication, data management, and user-friendly interface.