DUC MINH PHAM

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EDUCATION

Seneca Polytechnic College   **Toronto, Canada**
Ontario College Advanced Diploma of Computer Programming & Analysis.   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++, C.
- Skilled in database management and design with SQL, MongoDB, 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, 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 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 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 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 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 both employees and owner, 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.