Duc Phong Ma (Kevin Ma)

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OBJECTIVE

A passionate software developer seeking an opportunity where my technical skills, abilities and knowledge can be utilized for the company's growth with specialization in web development.

SUMMARY OF QUALIFICATIONS

- Hard-working, dedicated, and great self-learning abilities that be able to finish tasks on time and keep up with latest technologies as well as new knowledge.
- Knowledge of Software Development Life Cycle (SDLC).
- Knowledge of both front-end and back-end web development and adept understanding of core web principles.
- Knowledge of Object-Oriented Programming in C++ as well as Data structure and Algorithms.
- Great communication and teamwork skills as well as ability to work in diverse cultures and environments.

TECHNICAL SKILLS:

- **Programming Languages:** C/C++, C#, Python, JavaScript, Java
- **Web Development:** Angular, React.js, Next.js, Bootstrap, Tailwind CSS, Node.js, Express.js, RESTful API, ASP.NET, Entity Framework, MVC design pattern, Docker
- **Database Management:** Oracle 12c, MS-SQL Server, MongoDB, PostgreSQL
- **Testing Methods:** Unit Testing (Jest), E2E Testing (Cypress)**,** Integration Testing
- **Misc:** AWS, GitHub

EDUCATION

Computer Programming and Analysis   Sept 2021 – Present
Seneca College, Toronto   GPA: 4.0/4.0

EMPLOYMENT HISTORY

The Ministry of Children, Community and Social Services – *Software Developer (co-op)*
January 2023 – September 2023

- Developed responsive and user-friendly web-based application with Angular 15+ and Ontario Design System.
- Created reusable components and made extensive use of Angular concepts such as Reactive form, Databinding, Directives, Services, Pipes, Routing, HTTPS methods.
- Collaborated with a team of 11 members to enhance the web application functionalities, user interface and user experience.

Accomplishments:

- Helped get 2 out of 5 MCCSS's Digital Forms released successfully into production.
- Experienced with the SDLC in an Agile environment and project progress management using Azure DevOps.
- Improving interpersonal and communication skills
- Acquired knowledge of GIT control to manage source code.

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PROJECTS

E-commerce Website

Technologies used *HTML5, CSS3, Bootstrap 4, JavaScript, Node.js, Express.js, MongoDB, Handlebars template engine.*

- An E-commerce Website enables admin to manage their inventory and allows customers to go shopping online.
- Developed a RESTful API for the website enabling CRUD functionality for users able to manage inventory by retrieving, creating, modifying, and deleting products.
- Built a checkout functionality allowing users to do online payment – using stripe module in Express.js.
- Implemented a passport module using Express.js for handling user authentication.
- Designed User Interface and User Experience improving front end user experience.

Blog Website

Technologies used *HTML5, CSS3, Bootstrap 3, JavaScript, Node.js, Express.js, MongoDB, PostgreSQL, Handlebars template engine.*

- A blogging website in which users can share their experiences and their stories as well as manage their blogs.
- Developed a RESTful API for the website enabling functionality for users able to manage their blog by retrieving, creating, and deleting blogs.
- Implemented a login system by using bcrypt module in Express.js and an authorized system via session that allows users be able to access to their own blog posts.
- Managed source code by using GitHub.

Museum of Art website

Technologies used *HTML5, CSS3, Bootstrap 5, JavaScript, NodeJS, Express.js, MongoDB, React.js/Next.js*

- A functioning backend and frontend website allowing users to search art items and keep track of their favorite list of arts as well as their search history.
- Organized and designed frontend using React.js/Next.js and backend using Node.js, Express.js
- Developed a RESTful API for the website enabling users able to manage their favorite list of arts by retrieving, adding, and deleting their favorite art items.
- Developed the register and login functionalities.
- Implemented password-hashing function by using bcrypt module in Express.js and handled authorization for users by using JSON Web Tokens (JWT)