CUONG MA

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EDUCATION

North Carolina State University | *International Studies*   **Jul 2018**

EXPERIENCE

Revature   **Sep 2024 - Present**
.NET Full Stack Developer & Software Engineer Intern   *Remote*
- Completed specialized training in ASP.NET Core, enhancing proficiency in RESTful API design, OOP principles, and .NET best practices to expedite project delivery and improve code quality.
- Developed full-stack applications with ASP.NET Core for the backend and React.js (leveraging TypeScript, HTML, CSS, and JavaScript) for the frontend, applying OOP concepts and single-page application frameworks to optimize performance and user engagement.
- Implemented DevOps practices using Docker and collaborated in an Agile environment to boost deployment efficiency and team coordination.
- Engineered cloud-integrated solutions with Azure to ensure scalability and reliability of applications.
- Designed a robust controller layer using ASP.NET Core Web API to manage HTTP requests, coordinate service logic, and deliver precise API responses.
- Constructed RESTful APIs with MVC architecture that incorporated OOP principles, resulting in enhanced modularity and maintainability.
- Completed training in Java backend development using the Spring framework, reinforcing design patterns and robust development practices to elevate project efficiency and code quality.
- Streamlined SQL database access by utilizing Spring Data JPA to replace traditional JDBC queries, simplifying connectivity with relational databases.

Per Scholas   **Oct 2023 - Feb 2024**
Full Stack Web Development Intern (Bootcamp)   *Remote*
- Completed training in the MERN Stack for Full-Stack web development, gaining proficiency in building dynamic web applications, which improved my ability to develop responsive and user-friendly interfaces
- Built and Launched fully functional web apps built in REACT with VITE.
- Enhanced skills in object-oriented programming, JavaScript, and industry technologies like databases and frameworks such as React/Redux and Java, contributing to more efficient coding practices.

PROJECTS

Live Social Media API
- designed and developed a full-stack social media application featuring user authentication, profile management, and real-time content updates.
- Backend: Built a RESTful API using ASP.NET Core and implemented database interactions with Entity Framework Core (EF Core), MySQL, and Microsoft SQL Server hosted on Azure.
- Frontend: Created a responsive and mobile-user friendly interface using React and integrated it with the backend API for seamless communication.
- Database Management: Utilized Azure SQL Server for data storage and implemented database migrations using EF Core.

Project Management Ticketing System
- Coordinated Responsibilities between team members and managed the project with Github Projects.
- Created a Diagram wireframe for the frontend UI Client.
- Stylized the Frontend via Tailwind CSS and Material UI with a mobile-centric responsive approach.
- Coalesced different components created by team members for a cohesive application.
- Dockerized the Application.
- Created a CI/CD pipeline for streamlined deployment.
- Hosted the frontend application on Azure.
- Created Endpoints in ASP.NET Web API backend.

Anime Tracker
- Created my own backend logic for handling user authentication using JSON web token
- Hosted user information in MongoDB database
- User-experience oriented design as a priority for determining the Minimum Viable Product
- MERN-Stack application with responsive mobile-friendly SPA frontend.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Java, C#, .NET 8
- **Frameworks And Libraries:** Express.js, React, Tailwind CSS, Spring Boot, ASP.NET Core, LINQ, JDBC, Entity Framework Core
- **Databases:** MySQL, SQLite, Relational Databases, SQL Server
- **Application Development:** Single Page Applications, Progressive Web Apps
- **Web Technologies:** Web Technologies, RESTful Web Services
- **Core Web Skills:** CSS, HTML
- **Tools:** GitHub, Node.js, Docker