

# CUONG MA

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## PROJECTS

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### Social Media APP Mock-up

- 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) and Microsoft SQL Server.
- Frontend: Created a responsive and mobile-user friendly interface using React and integrated it with the backend API for seamless communication.
- Database Management: Utilized MS SQL Server via Docker for data storage and implemented database migrations using EF Core.

### Anime Tracker

- Full MERN-Stack CRUD Application
- 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

### PC Game Deals

- Mixed multiple API resources in order to create a fluid web application for searching for online PC game deals
- Responsive desktop and mobile web design using Tailwind CSS
- Built my own component library as needed using Shadcn/ui as a base
- Fully functional single-page React APP

## EXPERIENCE

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### Revature – (Remote)

#### .NET Full Stack Developer & Software Engineer Intern

September 2024 – Current

- Received training in Java backend development using the Spring framework.
- Designed and built a RESTful API following MVC architecture to promote modularity and maintainability.
- Utilized Spring Data JPA to replace JDBC queries, simplifying access to SQL databases.
- Developed a controller layer to manage HTTP requests, coordinate service logic, and ensure proper API responses.
- Implemented business logic in the service layer, including request validation and exception handling to improve application reliability.
- Received training in .NET ASP.NET Core RESTFUL API Backend Development.
- Create FullStack applications using .NET ASP.NET Core for backend and React.JS for frontend.
- DevOps via Docker and trained to work in an Agile environment.
- Created Apps with Integration to the Azure Cloud.

### Data Annotation Tech, (Contract)

Feb 2024- July 2024

#### AI Training

- Evaluating the quality of AI-generated code, including human-readable summaries of your rationale.
- Solve coding problems, writing functional and efficient code.
- Writing robust test cases to confirm code works efficiently and effectively.

### Per Scholas, (Remote)

October 2023- February 2024

#### Full Stack Web Development Intern (Bootcamp)

- Received training in the MERN Stack for Full-Stack web development.
- Built and Launched fully functional web apps built in REACT with VITE.
- Developed skills in basic computer science topics like object-oriented programming and Javascript, and other in-demand industry technologies, including Databases and front-end and back-end frameworks and languages like React/Redux and Java.

## EDUCATION

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### North Carolina State University, Raleigh, NC

December 2018

#### Bachelor of Arts, International Studies

## SKILLS

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**Languages:** JavaScript, TypeScript, Java, MySQL, CSS, HTML, Java, C#, .NET 8

**Frameworks and Libraries:** Express.js, React, Tailwind CSS, Mongoose, JDBC, Javalin, Spring, Spring Boot, ASP.NET Core, LINQ, SQLite

**Tools:** GitHub, MongoDB, Node.JS, Docker