RESUME

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SUMARY

I'm a student of Saigon University, majoring in electronics and telecommunications. I begin to learn web dev after I learn the IoT course at the university.

With learning knowledge, I want to be a professional fullstack developer in the future. Since, I spend time learning new technologies and best practices to become a better engineer.

TECHNICAL SKILLS

Programing Languages: JavaScript & TypeScript, NodeJS, C++ (Embedded Program), C# (WPF-MVVM, WinForm)

Framework/Platfroms:

- NodeJS, Express Restful API, Apollo Server, GraphQL, NestJS
- ReactJS + Typescritp, Redux,
- Platform IO (embedded programing)
- Web Api, GraphQL

Database Management Systems: PostgresSQL, MongoDB, Redis, MySQL

EXPERIENCE

Project: first-mearn-learnit-app

Description: This is the first web app full stack I dev. It is used to note thecourses that the user is learning or learned

- **Technologies:**
  - **Back-end**: NodeJS, Express Server, REST API, MongoDB, Jsonwebtoken.
  - **Front-end**: ReactJS, React-Boostrap
- **Detail:**
  - The project is written entirely in javascript.
  - Back-end is built using Express Server, using REST API and MongoDB to store user information as well as user courses.
  - Jsonwebtoken is used for user authentication.
  - The app includes login, register, logout, add a new course, edit course and delete course features.
  - The front-end is built using the ReactJS library and the React-Bootstrap UI library.
  - Back-end deployed to Heroku, and Front-end deployed to Vercel:
    + Link to App: https://first-mern-app-learnit.vercel.app
    + GitHub Repo: https://github.com/WynriusCoder479/first-mern-app-learnit

Project: PokeDex App (WIP)

- **Description:** This is a project I'm working on while learning about GraphQL and typescript. This App allows users to access information about pokemon, teams, and profiles.
- **Technologies:**
  - **Back-end**: NodeJS, Express Server, Apollo Server, GraphQL, Type-GraphQL, postgresSQL, MongoDB, typescript.
  - **Front-end:** ReactJS + typescript, Redux-toolkit, Apollo Client, GraphQL, ChakraUI.
- **Detail:**
  - The whole project is written in typescript.
  - The server is built using express and apollo server. Use GraphQL and type-graphql to generate queries to the database.
  - User and team information is stored in the postgresSQL database. PostgresSQL is connected to the app via typeorm.
  - Information about pokemon is taken from PokeApi and PokemonApiV2 beta.
  - Use express-session and mongoDB to store user information in cookies, used for user authentication.

- o Front-end is still being worked on, currently, the function of entering, registering, and logging out has been completed.
- o Was able to get pokemon data from PokeApi and PokemonApi V2 beta and render the pokemon list, and store pokemon info in the redux store.
- o Other features are currently under development.
- o GitHub repo: https://github.com/WynriusCoder479/pokedex-app-v3

Project: iot-app

- **Description:** This is a simple app used to control and monitor simple devices in the house.
- **Technologies:**
  - o **Back-end:** Express, NodeJS, MQTT, Aedes Server.
  - o **Front-end:** HTML, CSS, MQTT-Base.
  - o **PC App:** C#, Material UI, M2 MQTT.
- **Detail:**
  - o The back-end is built using Express, nodeJS, and Aedes Server to build MQTT Brooker.
  - o The front-end is built using pure HTML and CSS, and uses the MQTT-base library to connect to MQTT Broker.
  - o The PC application is built using C# winform and uses Material UI library to style and M2 MQTT to connect to MQTT Broker
  - o Github repo:
    + MQTT Broker: https://github.com/WynriusCoder479/MQTT-Broker
    + Client: https://github.com/WynriusCoder479/Client-IOT
    + PC App: https://github.com/WynriusCoder479/IOT-CS-APP

EDUCATION

Saigon University (Vietnam) 8/2018 – now

- Studying Electronic and Telecomuntication
- GPA: 2.4 (not graduated)