



# TRẦN ANH TIẾN

FULLSTACK DEVELOPER

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGE

- Proficient in Javascript at a high level due to experience accumulated with many academic projects using Javascript.
- Also proficient in Typescript and ES6 syntax.
- Proficient in many other programming languages such as C#, Java and PHP.
- Understand OOP knowledge, SOLID Principles, proficient in using and writing Clean and easy to Maintain code, also have a solid knowledge in Design Pattern.

### API DESIGN

- Integration and management of Restful API.
- Managing tokens for authentication and authorization with JWT Token.

### DATABASE

- Solid understanding and implementing SQL and NoSQL database such as PostGreSql , MySql and MongoDB.

### FRAMEWORKS AND LIBRARIES

#### React Js :

- High level of proficiency in managing state with Redux and TanStack Query, along with experience in efficiently writing reusable components.

#### .Net :

- Proficient in building and developing RESTful APIs using ASP.NET Core. Skilled in using EF Core to work with databases, constructing data models. Experienced in utilizing Dependency Injection in ASP.NET Core.

#### Others:

- Solid knowledge and academic experience in using Git and GitHub, with additional expertise in Docker for containerization and managing development environments.
- Caching techniques with Redis.
- Experienced in integrating RabbitMQ into Microservice project.

## ABOUT ME

- **Year of birth:** March 15, 2004
- **Hobbies:** Programming and sports
- **Passion:** Never afraid to face challenges and failures, always striving to improve myself.

## CONTACT



[Redacted Phone Number]



[Redacted Email Address]



<https://github.com/TAT2k30>



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## SKILLS

- **Technical:** Strong problem solving skill with logical thinking.
- **Discipline:** Commit to personal growth by practicing, tackling LeetCode challenges daily, staying updated with the latest technologies, and embracing an open-minded approach to learning new things.
- **English:** Greate in comunication.

## COMPETITION

- **TECHWIZ 5 (2024):** Participate in the competition in the category of Mobile Development with Flutter

## EDUCATION



**Aptech - Computer Education**

2022 - 2024 | Major : Software Engineer

## EXPERIENCE BASED JOB

### TEACHER

Over 1 year



- Teaching Robotics with Wedo 2.0 Lego education equipment and Game programming with Scratch 3.0 more than 1 year.
- All courses and lesson plans were conceptualized by myself and approved for inclusion in the teaching program.
- Also planned for the course workshop related to some events like Tet holiday, Christmas, ...
- Boost the center's visibility through engaging workshops and summer day camps that combine Robotics and Programming in the curriculum. These initiatives aim to enhance learning experiences while driving enrollment and increasing the center's revenue.

## EXPERIENCE BASED PROJECT

### E-COMMERCE CRAWLER

#### Overview :

- **Description** : This project is designed to efficiently crawl and extract detailed product information from major e-commerce platforms such as eBay and Amazon. By leveraging advanced web scraping techniques, it gathers comprehensive data including product descriptions, prices, reviews, and ratings, enabling users to gain valuable insights for market analysis, price comparison, and trend forecasting. Ideal for businesses and individuals looking to enhance their competitive edge in the e-commerce landscape.
- **Technologies** :
  - NodeJs, ReactJs, Typescript, Cheerio, MongoDB, Docker , ...
- **Architecture** : Microservice with containerized services
- **Features** :
  - **API GateWay** : This service gateway is implemented with advanced features including rate limiting, load balancing, and caching mechanisms to optimize performance and ensure scalability. The rate limiter controls traffic flow to protect backend services from being overwhelmed, while the load balancer efficiently distributes incoming requests across multiple instances to maintain high availability. Additionally, the caching layer accelerates response times by storing frequently accessed data, reducing latency, and improving the overall user experience
  - **Crawler service**: This Crawler Service leverages Cheerio to efficiently scrape and extract detailed product information from major e-commerce platforms like eBay and Amazon.
- **Self position** :
  - Project manager, Fullstack developer, ...
- **Source Code** : <https://github.com/TAT2k30/Product-Information-Crawler>

### STREAMING PLATFORM

#### Overview :

- **Description** : A Streaming and texting realtime platform where clients can easily create a room for video call with thier friends.
- **Technologies** :
  - NextJs, Clerk, shadcn, TailwindCss, typescript, getStream.
- **Features** :
  - **Authentication** : Leverages Clerk for seamless authentication and authorization, ensuring secure access to meeting functionalities.
  - **Meeting** : Facilitates intuitive meeting creation, allowing clients to customize camera and microphone settings. Participants can effortlessly join or leave meetings, while future sessions can be conveniently scheduled with precise date and time inputs in the "Upcoming" section.
- **Self position** :
  - Project manager, Fullstack developer, ...
- **Result** : The application its self can handles over thoudsand of participants thanks to GetStream which is a third party implementation.
- **Source Code** : <https://github.com/TAT2k30/Task-Mangement-frontend.git>