PHẠM NGỌC THOẠI KỲ
SENIOR FULLSTACK WEB APPLICATION

👤 About me

- I have over 6 years of experience in developing web applications, with strong expertise in front-end and back-end technologies using JavaScript. I am confident in solving complex problems and optimizing application performance.
- I try my best to expand my knowledge. Besides, I always make progress improve my mistake with the massive passion
- My strengths are problem-solving abilities, logical thinking skills and adaptability to technological changes. In addition, I have good teamwork skills and willing to share and exchange knowlegde with team to enhance code quality and self-improvement.

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- CV online : https://cv.thoaiky.com

📌 Experience

- Backend:
- NodeJs framework: ExpressJs, NestJs
- PHP framework: Laravel
- TypeGraphql
- Message brokers: Kafka, RabbitMQ
- Search Engine: Elastic Search & Kibana
- Experienced with Saga pattern helps ensure data consistency and integrity across multiple services
- Handle Realtime data via Socket.io
- Authentication & Authorization: Knowledge of implementing secure authentication and authorization mechanisms using JWT (Json Web Token), OAuth, etc.
- Restfull API and Document API via Swagger
- Notifications, web-push via Firebase-admin
- Cache Redis
- Schedule, Cron Job
- ORM: Sequelize, Prisma

- Database:
- PostgreSQL, MySql, MongoDb
- Design structure database
- Ensure data integrity by using an appropriate transaction isolation level
- Experienced in analyzing and optimizing complex queries
- Implement robust security practices including role-based access control

- Frontend:
- ReactJs Framework
  + Fetching, caching, synchronizing and updating server state with TanStack Query
  + Manage Global State with Redux Toolkit, Context API
  + Validate form : React-Hook-Form + Zod, Formik + Yup
  + TailwindCss, Sass, etc
  + Realtime data via Socket.io-client
- VueJs Framework
  + Manage Global State with Pinia, Vuex
  + Validate form via VeeValidate
  + Options & Composition API
  + UI framework: Vuetify, Element Plus
  + TailwindCss, Sass, etc

- DevOps:
- Experienced with services of AWS (Amazon Web Service) Cloud such as: VPC (Virtual Private Cloud), ECS (Elastic Container Service), ECR (Elastic Container Registry), EC2, S3, CloudWatch, Lambda , IAM (Identity and Access Management), etc ...
- Experienced in deploying new versions with low latency and nearly zero downtime via Blue/green Deployment
- Experienced with IAC (Infrastructure as Code): Terraform
- CI/CD via Jenkins
- Linux, Ubuntu, etc ...
- Web server: nginx
- Dokcer
- Manage source code: GitHub, GitLab, Bitbucket, etc ...

COMPANY NAME: TRANSCOSMOS TECHNOLOGY VIETNAM (2023 - NOW)

- Automotive Component Inspection and Inventory Management Project:
- Objective: Develop a system to streamline the inspection of components and manage their inventory efficiently
- Stock Management: Maintain accurate records of stock levels, ensuring timely reordering and minimizing stockouts or overstocking
- Reporting and Analytics: Provide detailed reports and analytics to help management make informed decisions on inventory and component quality

Role: Senior Fullstack web developer

- Participated in developing and building applications
- Manage databases and optimize SQL queries
- Maintain careful observation and contribute ideas to create products that meet the highest quality standards for customers
- Conducted code reviews and mentoring fresher/junior developers to adopt coding best practices

COMPANY NAME: REM VN (2020 - 2023)

- Project shares goals and issues, supports each other among employees, sends thanks and points and using that to exchanges products. You can also use it for management by analysis the actual data:
- App is an application that improves the relationship value and organizational strength of employees through "gratitude". The key to improving organizational strength is to increase employee "engagement"
- With App , employees will be able to express their appreciation to each other on a daily basis, increasing their relationship value and motivation. It also creates opportunities for communication and creates a sense of unity in the organization that transcends departmental boundaries
- Furthermore, it is possible to visualize employees' contributions, relationships, and issues, and use this information for personal evaluation and organizational improvement
- With App, let's strengthen the bonds between employees and rebuild a more active and valuable organization

Role: Senior Fullstack web developer

- Participated in developing and building applications
- Collaborated closely with design and QA teams to ensure high quality of applications delivered
- Contribute ideas to create products that meet the highest quality standards for customers

COMPANY NAME: SUZU-GROUP (2018 - 2020)

- Project is a common online platform (social networking site) that all users can access and use to build and connect social relationships with everyone
- Users often update, share or discuss current hot and most interesting topics
- Many trends also have spiritual meaning through the App. These include articles, videos, slogans, and images that are shared by the community to support idols

Role: Bakend web developer

- Participated in developing and building applications
- Work closely with the design and QA teams to ensure high product quality
- Contribute ideas to create products that meet the highest quality standards for customers
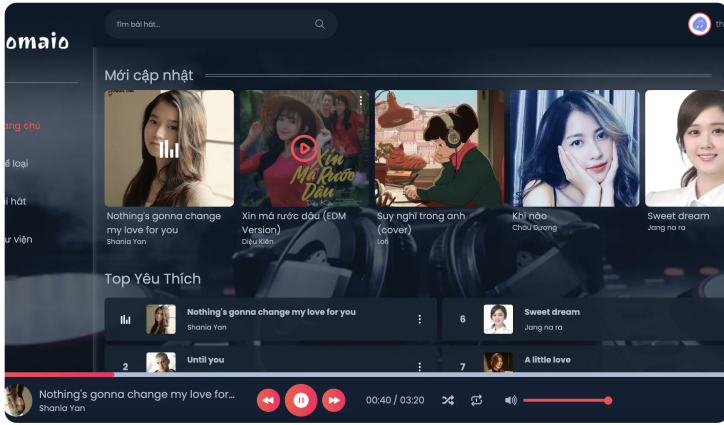
🎓 Education

EDUCATION: HCM COLLEGE OF INFORMATION TECHNOLOGY

Major: Software technical

- I really like this school , everyone very friendly . At here, I had new friends and good memories, and also help me gain a background in information technology..

★ My Project

WEB APP MUSIC

The music application is an online platform that allows users to listen to unlimited music without any charge. Users can browse and select from a rich library of music from various genres and artists, combined with personalized features such as creating playlists and recommending songs based on preferences.
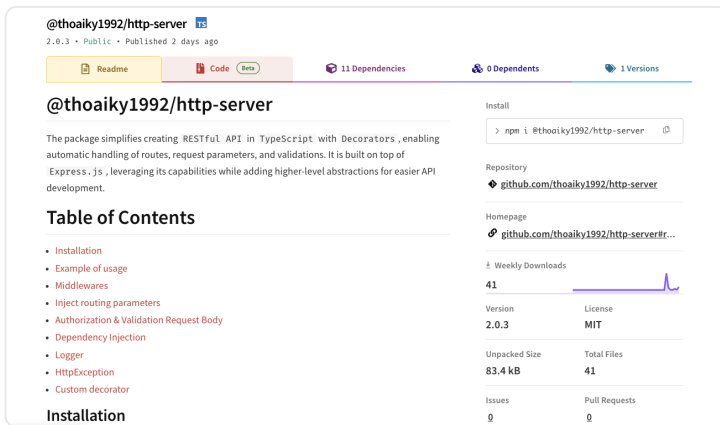
Frontend: Vite - Reactjs (TypeScript)

- Router v.6, Context API, Redux (Middleware thunk), Tailwindcss, HeadlessUI, Swiper, Formik & Yup, Socket.io-client, docker

Backend: Nodejs (Nestjs)

- Mongodb (Mongoose), Websocket, jwt, docker

Live Demo: https://music.thoaiky.com

Node Package

The package simplifies creating RESTful API in TypeScript with Decorators, enabling automatic handling of routes, request parameters, and validations. It is built on top of Express.js, leveraging its capabilities while adding higher-level abstractions for easier API development.

Link: https://www.npmjs.com/package/@thoaiky1992/http-server