



NGUYỄN TỰ SANG

FRONTEND ENGINEER

About me

I graduated from the University of Engineering and Technology, Vietnam National University and my major is Robotics.

- Diploma type: Good.
- As an eager learner with an enthusiastic, friendly personality, and quickly adapt to new environments.
- The goal is to apply the learned knowledge and learn more practical knowledge and at the same time bring into full play their abilities in the company's development.

Work Experiences

AI Internship | Viettel Network

06/2022 - 08/2022

- Machine Learning
- Computer Vision: Object Detection, Object Tracking, Segmentation
- Basic NLP
- FastAPI and MySQL

Javascript Developer | Bravebits

04/2023 - 08/2023

- ReactJs, Typescript, Redux, Redux toolkit
- NodeJs, MongoDB
- Shopify

Education

Robotics | Hanoi University of Engineering and Technology

09/2019 - 12/2023

Gpa: 3.23

Contact

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Skills

Main: Javascript, Python, Java

Typescript, ReactJs, NextJs, Bootstrap, Tailwind, Redux, Redux toolkit

Read and research papers to find solutions for problems

Others: MongoDB, SQLite, FastAPI, MySQL, NodeJs, Firebase

Languages

Ielts: 5.0

Toeic: 740

(Reading/Listening: 345/395)

Interests

Reading books

Badminton

Projects

Movie Website

- *Descriptions:*

- Build an online watching movie with ReactJs
- Features: Sign in, sign up, filter, comments (add, edit, delete), account modification, wishlist.

- *Number of members:* 1

- *Technology in use:*

- Frontend: HTML, CSS, Javascript, ReactJs, Redux toolkit
- Backend: API, Json-server, Firebase

Link website: <https://movie-website-reactjs.vercel.app/>

Account Management

- *Descriptions:*

- Developed secure user authentication and registration functionality for websites, employing password encryption and JWT token-based login mechanisms.

- Implemented JWT token authentication system for user login, ensuring robust security measures.

- Stored user data securely in databases as part of website registration and authentication feature development.

- *Number of members:* 1

- *Technology in use:*

- Frontend: Reactjs, Redux-toolkit, Bootstrap
- Backend: NodeJs, ExpressJs
- Database: SQLite

- *Link project:* https://github.com/sang18112001/VHT_Ex2.git

Trello App

- *Descriptions:*

- Build an API (CRUD) with NodeJs (Express js) and connect to MongoDB.
- Features: Drag-drop, add, delete, edit, and optimize

- *Number of members:* 1

- *Technology in use:*

- Frontend: ReactJs, Typescript
- Backend: NodeJs, MongoDB

Inverse Kinematics with AI

- *Description:*

- Create data from Forward Kinematics for Neural Network
- Build a model to learn from such data
- Resolve inverse kinematics problem with trained model
- Implement this problem on real robots

- *Number of members:* 1

- *Technology in use:* Matlab