

# Trần Kim Tín

## C++ Developer

**Date of birth:** 22-12-1998

**Gender:** Male

**Address:** Soc Son – Ha Noi

**Phone:** 039 459 5544

**Email:** Kimtin.tr@gmail.com

**Website:** <http://www.trankimtin.xyz>

## Summary

---

I graduated with good in Information Technology major at Water Resources University. I have 1 year of experience working as a Full-Stack developer using NodeJS and ReactJS and I have 2 years of experience working with Native Android using C++. In addition, I have also worked on some projects outside of the company during my free time.

My English proficiency is at the level of reading and understanding. Currently, I am trying to learn and improve my English skills, especially my communication skills.

I am able to learn and work with new technologies fairly quickly. My strength is in algorithmic, and I have achieved the 3rd place winner in the National Student Olympiad in Informatics 2020.

I hope to have the opportunity to advance and develop my career in a professional environment. I believe that my skills will be a good fit for the requirements of this position. I would like to be given the opportunity to interview so that I can further discuss my experience and skills.

## Education

---

Graduated from Thủy Lợi University in 12-2020

Major: Information Technology

Classification: Good

GPA: 3.43

## Awards

---

- 3rd place winner in the National Student Olympiad in Informatics 2020
- 3rd place winner in the North Qualification Round of ACM/ICPC 2020
- STC Pro at Samsung company.

## Working experience

---

### FPT Telecom

Time: 04-2019 → 04-2020

Position: Full-Stack Developer (NodeJS & ReactJS)

Job description:

- Participated in developing the company's network equipment management website
- Monitored the bandwidth, temperature, and other parameters of network devices, and issued alerts in case of abnormalities
- Analyzed and provided statistics on network usage in different provinces and regions
- Server administration and product deployment.

After one year working at FPT Telecom, I have learned a lot. I have gained a deeper understanding of how to build effective web applications using popular technologies such as ReactJs for the front-end, NodeJs for the back-end, and MySQL for data storage.

The project I worked on had to handle a huge amount of data, up to millions of records per day. I learned how to use Elasticsearch to search for data quickly and efficiently. I also learned how to build REST APIs and use JWT to protect them.

In addition, I was responsible for server administration and product deployment. During this time, I worked with the Ubuntu and Ubuntu Server operating system. I learned how to manage NodeJs projects using PM2 and use Git to manage the source code of the project. Finally, I learned how to use SNMP protocol to monitor and manage network devices.

## **Freelancer**

Time: 05-2020 → 03/2021

During this time, I spent time completing my remaining courses at school and working on my graduation project. Based on my experience working at FPT Telecom, I also took on a few projects during my free time, including:

- Crawling images and videos from users, pages, and groups on Facebook
- Setting a mail server
- Setting up a file server
- Developing a cryptocurrency trading bot.
- Chatbot telegram

In addition, while browsing the university's website, I accidentally discovered a serious security vulnerability. I was able to access the website with administrator privileges, view and modify all the information on it. Afterwards, I reported the issue and helped the university fix it. I am quite proud of that. In addition, while browsing the university's website, I accidentally discovered a serious security vulnerability. I was able to access the website with administrator privileges, view and modify all the information on it. Afterwards, I reported the issue and helped the university fix it. I am quite proud of that.

At the end of 2020, I represented my school to participate in the National Student Olympiad in Informatics. I won the third prize in that competition. It was a memorable event in my life.

In December 2020, I graduated from university with a distinction degree. At this time, I had signed a work contract with Samsung company. However, due to the Covid-19 pandemic, my work was delayed by three months.

## **Samsung R&D Vietnam**

Time: 04/2021 → now

Position: C++ Developer

Project: SPen SDK

Job description:

- Developed the SPen SDK project for applications using the S-Pen on Samsung phones
- Developing new features for the Samsung Notes and PDF Reader application.
- Collaborated with the team to improve the performance and user experience of the application
- Maintenance and fixing of existing issues.

If you are using a Samsung phone, it is likely that you have used features that I have developed. I am very proud to have worked on large projects such as S Pen SDK and Samsung Notes. The project had over 1.2 billion installs and 5.3 million reviews on the Google Play Store with an average rating of 4.8 stars.

The project use the C++ programming language and worked with native Android. My main responsibilities included maintaining and resolving existing issues, improving the performance and user experience of the application, as well as collaborating with the team to evelop new features.

This is a very large project, serving billions of users, so I learned how to work carefully, optimize everything like performance, user experience, scalability, ... This has helped me make a lot of progress. I have learned how to apply various design patterns such as Facade, Adapter, Singleton, Factory to make the project easier to expand in the future. I have learned to think more before starting to write code. Whenever I do anything, I always have to ask questions like: Is this the best solution? What should I do if I want to expand it in the future?...