

FRONT-END TO FULL-STACK DEVELOPER. UI DESIGNER

# Hello. I'm Thanh Nguyen

A creative developer skilled in front-end development and knowledgeable with back-end work. Capable of crafting user-friendly designs and intuitive applications. Pursuing opportunities to grow in design, technical aptitude and also in leadership.

My recent works are UI/UX design and front-end development for two progressive web apps for the City of Vantaa, and a robust, performant web platform to handle heavy-weight tabular data that was selected to be a finalist in a design award.

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## Experience

Jan 2018 - PRESENT

GOFORE, Helsinki Finland

### Front-End to Full-Stack Developer. UI/UX Designer

Helped the City of Vantaa with two open-source progressive web apps for cultural activities and health care. The apps were regarded to be the best products the client has ever had.

- Designed the UI. Worked in tandem with user researcher for UX.
- Architected and developed the front end.
- Helped fix bugs and suggested technology for the back end, such as Docker. Suggested security strategies such as PIN exponential backoff, hashing passwords in databases, etc.

The app is live at [vantaa-silverfox.herokuapp.com/](https://vantaa-silverfox.herokuapp.com/)

Source code: [github.com/City-of-Vantaa-SmartLab/CultureEvents](https://github.com/City-of-Vantaa-SmartLab/CultureEvents)

React Mobx AWS S3 / ECS PWA Docker Nest.js UI/UX Design

Before that, I helped improve the company's internal Slack bot via means of changing working methods as well as design. The changes were welcomed by users and helped raise awareness about managerial issues.

- Designed and implemented the style of the bot's messages. Conducted user research.
- Proposed and helped facilitate team reform and migration to a better technology stack.

Node.JS Python Slack API Leadership Conversational UI UI/UX Design

March 2017 - Dec 2017

MEDISAPIENS, Helsinki Finland

### Front-End Developer. UX Designer

Designed and implemented the user interface of Accurate, a data curation platform. It is the company's flagship and has attracted great market interest, and has been pitched to prestigious pharmaceutical institutions and has received high commendation from various demo workshops. It was also selected to be *Best of Show Finalist* at BioIT World, Boston.

- Implemented a complex front-end, to handle and visualize large volumes of tabular data.
- Successfully demonstrated to the company the value of design to a product leading to the company recently hiring a UX designer to continue my vision.

React Redux JQuery UI Design Django Python

## Side projects

2018

### ANIMATED ELEMENTS

Experimental reusable interactive elements, such as Apple TV tilting card effect. You can find the demo at: <https://codesandbox.io/s/109w7rkj23>

React Mobx Interactive Design Animation UI Design

### SYNC WITH FRIENDS

An app designed the sync music between friends using Spotify API. Good for people hanging outdoor without loudspeaker. A working prototype with design work.

- Crafted a gorgeous Hifi design, with Adobe XD.
- Implemented a MVP back end with Node.JS Express and front end in Angular 6

Link to design: <https://www.behance.net/gallery/68424469/SyncWithFriends>

UI/UX Design Express Spotify API Angular 6

2017

### CHAT APPLICATION

I created a chat application for fun. Inspired by Google Allo.

The app is live at: [chatapp-thanhnguyen.herokuapp.com](https://chatapp-thanhnguyen.herokuapp.com)

- Crafted the UI/UX with Adobe XD.
- Implemented the front end with Redux, React and Websocket.
- Debugged the Node.JS Express back end.

React Redux UI/UX Design Web socket Styled-component Express

## EDUCATION

Final year Bachelor of Engineering

Metropolia University of Applied sciences.

## SKILLS

React Mobx Redux RxJS

Angular 6 CSS SCSS

Styled-component JQuery

Progressive Web App (PWA)

Javascript Node.JS Java

Express / Koa GraphQL Docker

PostgreSQL MySQL MongoDB

UI/UX Design Adobe XD

Test-driven Development

API Design Security practices

OOP Functional programming

## PERSONAL TRAITS

- Critical thinking.
- Always learning and self-improving. Researches and experiments with new technologies.
- Enjoys sharing my new findings.
- Empathetic, thinking about users. Deliver solutions and not only tickets.
- Speaks very fluent English

## REFERENCE

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