

Quang Thanh Nguyen

Frontend JavaScript Developer with a focus on React

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TECHNICAL SKILLS

JavaScript (1 year of project experience) | HTML (3) | CSS (3) | React.js (1) | Node.js (1) | Rest API (1) | Python (2) | PyQt5 (2) | MySQL (2) | MongoDB (1) | Scripting (Linux) (1) | MATLAB (1) | VBA (1) | PHP (1) | AWS (1) | WordPress (1)

WORK EXPERIENCE

09/2019 – 04/2020

Frontend Web Developer (Part-time)

Lavista, Frankfurt am Main, Germany

Project: For this advertising company in Frankfurt serving over 100 restaurants and shopping malls in Germany I designed and developed client website pages from scratch featuring product catalogs for customers using HTML, CSS and WordPress platform. Also discussed and advised the CEO on the structure/layout of the website pages for best UX which helped acquire around 10 new client companies each month. **Tech used:** HTML | CSS | WordPress.

02/2016 – 03/2017

Design Service Engineer

Ascenx Technology VN, Ho Chi Minh, Vietnam

Product: Ascenx offers manufacturing and offshore engineering services for global leaders like KLA-tencor and Lam Research. I used MySQL and Shell Script to build a Linux server and retrieve data from a sensor system able to provide automation support for KLA-Tencor's warehouses with expensive and sensitive equipment in a vacuum storing environment. I used PHP, HTML and CSS to build a web app for the internal monitoring, notifying when there is a problem with the storing equipment and was in touch with the team in California while the sensors were being installed. I also helped develop a Bill of Material Watch, which is a tool to ensure wafer inspection tool parts are available on stock at all times. This resulted in increased reporting speed by over 30%. Generated weekly and monthly reports automatically with VBA - Excel Macro to follow customer portfolio which saved 25hrs of manual work weekly and reduced critical errors by 80%. I was also in charge of preparing the documents and updating information to the database and worked with two senior software engineers on the IoT database updates in case of problems. **Tech used:** PHP | HTML | CSS | MySQL | ShellScript | CAD | VBA Macro | AutoCad.

EDUCATION

12/2016 – 04/2021

Master of Engineering / Information Technology

Frankfurt University of Applied Sciences, Frankfurt am Main

Master Thesis: On "Recognition of Persons and Objects in a Natural Environment" for which I used an ultrasonic sensor and processed the collected data from placed objects using MATLAB and Python as well as Numpy and Pandas (for data processing). Compared 2 machine learning methods, found recognition accuracy of 97% for MATLAB's neural network 95% for the KNN (K-nearest neighbor for Python). **Tech used:** Python | Pandas | Numpy | MATLAB | PyQt5 | Matplotlib.

10/2011 – 08/2016

Bachelor of Engineering / Electrical Engineering and IT

Frankfurt University of Applied Sciences, Frankfurt (remote)

LANGUAGE SKILLS

English (C1)
Vietnamese (C2)
German (A2)

HOBBIES

Playing football
Reading
Photography

VOLUNTARY WORK

I was a team leader for PRESTO club (2012-2014) at my university to onboard new students as part of regularly organized events.