HUYNH THI THU TRANG, JEN

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
BS in Electrical Engineering | Class of 2022
GPA: 4.52 / 5.0 (Highest Distinction)

EXPERIENCE

SPTEL | Fullstack Developer   **June 2022 – Present | Singapore**
• Implement new features and solve existing critical issues for the company's customer and staff portals using **Angular** and **Spring Boot**.
• Manage 2 other webpages in both backend (**Nest**) and frontend (**React**), including code maintenance, new functionality development and exploring new libraries for better code performance.
• Engaged in the micro-frontend development of the company's current Customer Relation Management website as a migration from Angular to React.
• Establish testing and coding development environments using **Docker** and bash scripts.

ALEPH | Software Developer   **March 2022 – June 2022 | Singapore**
• Built a new website from scratch using **React** and **Material UI**. In charge of working on the UI layouts and standardized the communication to the backend.
• Developed the entire back-end API using the **Django** framework, which includes designing the data models and RESTful APIs. Established methods for the back-end to communicate with other Aleph's software to get ML-predicted data and efficiently transfer it to the frontend.
• Tools and platforms used: React, Django, SQLite

ETHLAS | Software Engineer   **Jan 2022 – June 2022 | Singapore | Website: ethlas.com**
• Led full-stack development (**Firebase, NodeJS, NextJS, Redux**) of the website's new features. Managed the development lifecycle including handling business requests, scoping and planning, developing and testing.
• Single-handedly rebuilt the new UI of Ethlas' landing page using a combination of frontend libraries, improving users' experience and allowing them to easily access Ethlas's main pages.
• Developed new features and resolved bugs in the existing web games using **C#**. Built and moded new games from Unity.
• Involved in UI/UX brainstorming to improve website metrics and conversions. Analyzed user-flow bottlenecks and suggested improvements to enhance user engagement and retention.

LALIA | Software Developer   **Aug 2021 – Dec 2021 | Singapore**
• Built a functional website as an interface for Lalia Language Checker API
• Developed the Content Manager System for Lalia Read service. Worked on the editor of the system and integrated it with the database
• Tools and platforms used: **Typescript**, **AWS Amplify**, Next, React, **Rush**

XILINX | New Product Introduction Engineer   **Dec 2020 – Jun 2021 | Singapore**
• Analyzed the performance of the new 7-nm Xilinx silicon chips using testing data and generate reports using Python and Tableau
• Applied SQL to retrieve relevant data for Tableau data analysis; did data pre-processing with **Tableau** Prep
• Tools and platforms used: SQL, Amazon Athena, Snowflakes

SKILLS

Software: (proficient) Javascript, Typescript, HTML/CSS, Java, Git (familiar) SQL, C#, C++, Python
Framework: (frontend) React, Angular (backend) Nest, Django, Springboot

LANGUAGE

Vietnamese, English