WANNASIRI SOMBOON

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EDUCATION

Thammasat University, Rangsit Campus; Pathum Thani, TH   *Graduation Date: November 2022*
Bachelor of Engineering in Software Engineering
- Courses: Software Process, Software Testing and Quality Assurance, Cloud Computing, Advanced System Administration, Database Systems, Electronic Commerce Engineering, Web Application Developments

Prommanusorn Phetchaburi School; Phetchaburi, TH
Sciences and Mathematics Program

WORK EXPERIENCE

National Science and Technology Development Agency: NSTDA - Intern; TH   *June - July 2021 (2 months)*
- Software development team at the internship company working in an Agile Environment, during the COVID-19 pandemic in Thailand, devised a solution by programming a Python-controlled robot, built in their lab, to deliver items to COVID patients using a PS4 controller and able to set up routes, Help reducing the risk of the spread of the virus
- Learn about Marvelmind indoor positioning system to set path for autonomous robots, drones, vehicles and humans(eg., building, factory.)
- **Certification from NSTDA**
    https://drive.google.com/file/d/1HhTies5LNQZ-fmV8yXQ3B0saic2poITR/view?usp=sharing

PROJECT EXPERIENCE

Web Applications using Laravel framework
- Built a web application to track income and expenses for online sellers; group project with 3 people using Scrum to get work done, using Google Charts library and jQuery to visualize data
- Built a web application to rate food and restaurants for customers; group project with 3 people using Scrum to get work done, using Katalon Studio as automation testing tool
- Projects work with members to streamline our software development process, we have decided to utilize Github as a central repository to store, manage, track, and control changes to our project, ensuring version control and collaboration among the team members

Cloud Computing Assignments
- Experienced with virtual machines on VMware Workstation, Virtual Box and HyperV
- Experienced with VMware ESX, OwnCloud and OpenStack RDO

Website for online shopping using WordPress
- Built a website for online shopping with the WooCommerce and Yoast SEO; E-commerce and SEO plugin

Windows Forms .NET Applications
- Collaborated with 2 people using Scrum to develop this project
- Built an application to book cinema tickets using C#; learning; to learn software pattern concept
- Learned how to adapt Software Patterns in this project

Chat Application Project
- Built a Chat app in JAVA GUI (JAVA and Java Socket)
- Function on app had sign-in and sign-out system(specific users) communication type 1-1 and 1-many(broadcast)
- The server displays a list of currently online users, allowing for easy communication by select type of communication (1-1/1-many) and send message to other users

THESIS EXPERIENCE

- Front-end Developer
- Worked with teams in an Agile environment and wrote a Software Requirements Specification (SRS) that describes what the software will do and how it will be expected to perform.
- Design and built e-learning web application behind React.js Micro-Frontend Architecture and Find technique to improve front-end skill, Fetch RESTful API use React Hook, using Bootstrap with react for create UI component
- Learn and Research the advantages and disadvantages of Micro-frontend to support Microservice and design a website that good user interface and user experience, considering SEO technique and responsive technology easy to reach

SKILLS & INTERESTS

Preferred programming languages: SQL, Python, HTML/CSS, JavaScript ES6, Java ,Tailwind CSS , React.js,Node.js,Next.js, Framer motion
Tools/OS/Framework: VMware, Virtual Box, Katalon Studio, MySQL, Git, Github, Azure, AWS, Linux, Windows, Laravel
Languages: Thai - Native, English - Intermediate
Interests: Cyber security, Cloud computing