THITIKORN THANOMSUP

Mechatronics Engineer

📞 Contact

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👤 EXPERIENCE

Sony Device Technology(Thailand) Co.,Ltd.
Intern | Nov 2020 - Apr 2021

- Design a log diagram and create working conditions of an automatic picking machine used in a telephone factory called Tum mark II by using Gx Work2 program to write for use in picking and placing phones automatically without a person.
- Design an automatic pick and place machine with Creo program.
- Provides standard maintenance procedures, troubleshooting, spare parts control, and history records.

TR SIAMPUN CO., Ltd.
Software Tester | Nov 2023 - Mar 2024

- Understand business requirement and be able to prepare UAT test cases.
- Identify and record documents thoroughly, and track bugs.
- Hands-on experience with both white box and black box testing
- Test and debug the system and help the team find the cause of the problem.
- Investigate the causes of non-conforming software and train users to implement solutions.
- Create User Acceptance Test documents and send them to relevant parties to ensure the work to meets the requirements.
- Develop and maintain automated test scripts using Robot Framework to test currency changes.
- Develop SQL scripts to query and extract data for use in test case verification and validation.
- Experience working in an Agile/Scrum development process.

EKKREMIS SOLUTIONS CO., LTD.
Software Tester | Oct 2024 - Present

- Created API tests using Postman.
- Developed test cases, test scripts, and test scenarios.
- Executed tests and reported results to the regression team.
- Conducted testing for web and mobile applications using Appium and Robot Framework.
- Worked with Jenkins for continuous integration and continuous delivery (CI/CD) pipelines to automate testing and deployment processes.
- Performed testing on Oracle databases to validate the results of SQL queries, including verifying data consistency.

📖 OBJECTIVE

I am seeking to join an organization where I can apply my knowledge and passion for quality assurance. I aim to contribute by ensuring that products meet high standards through thorough testing, continuous improvement, and collaboration with development teams. I am committed to enhancing the software quality and delivering reliable solutions that align with the organization's goals.

🎓 Education

Mahasarakham University.

General Engineering | 2017

- The curriculum included essential foundational subjects such as physics, chemistry, mathematics, workshop practices, and computer programming, aimed at building a strong foundation in engineering.

Mechatronics Engineering | 2018-2020

- Write C language programs for use with Arduino to control basic devices, such as turning lights on and off, controlling sensors, or reading data from various components, among others.
- Learn about machine design and circuit control in a factory setting using SolidWorks.

🏅 AWARDS AND ACKNOWLEDGMENTS

Robot competitons and programming

Mechatronics Camp | 2018

- Build a line-following robot to place ping pong balls into a bottle.
- Solve programming problems with optimized algorithms and teamwork.
- Fix hardware and software compatibility issues to generate usage reports. .

Robot competitons and programming

Mechatronics Camp | 2019

- Build a robotic system with spikes to puncture balloons and attack enemies.
- Demonstrate creativity in designing robots using SolidWorks.
- Collaborate as a team with diligence and perseverance.
- Received the 1st runner-up award from the university.

Model student | 2017-2020

- Selected as a model for the graduation ceremony.
- Practiced punctuality, teamwork, patience, and attention to detail in the assigned tasks.

BorntoDev Open Acces Academy | 2023-2024

- Learned basic front-end and back-end programming.
- Created documentation and designed health-related websites online.
- Received a certificate for completing the DevLab3 exercises.
- Successfully completed and received a passing grade in GitHub for Developers, JavaScript, SQL, and MongoDB.

🧠 SKILLS

Programming & Web Development

- HTML, CSS, JavaScript
- React, ViteJs, Tailwind CSS
- MySQL, SQLite, MongoDB

Version Control & IDEs

- Git
- Android Studio
- Visual Studio Code

Testing & Automation

- Robot Framework
- Postman
- Appium
- Jenkins, GitLab CI
- Playwright
- UFT ONE, ALM

💼 SIDE PROJECTS

Smart Farm IoT Hydroponics

- Integrated my knowledge (software, hardware, and electronics) to develop a smart farm system that can yield products for harvesting and sale.
- Designed a customizable dashboard in Blynk based on customer requirements, using the Agile methodology.
- Developed an IoT sensor measurement system for practical use.

BMI BMR Calculator Projects

- Designed web pages and color schemes to suit user needs using JavaScript, HTML, and Tailwind CSS.
- Developed the functionality of the web page to display results as defined.
- Can calculate and display BMI, BMR, and TDEE data in detail.