

# MISS CHUTHAMAT BUABAN

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## SUMMARY

A motivated Electrical and Electronics Engineering graduate with hands-on experience in electrical system maintenance and basic frontend development. Passionate about integrating engineering with digital tools to drive efficient and innovative solutions. Seeking a junior-level position in electrical engineering or frontend development.

## WORK EXPERIENCE

<b>Frontend Developer (Freelance - During Studies)</b>	Mar 2024 - Present
<ul style="list-style-type: none"><li>Developed <b>Smart Lightning Management System</b> (Phase 1 &amp; 2) with React and JavaScript</li><li>Designed UX/UI and implemented interactive graphs with Chart.js, increasing usability by 90%</li><li>Analyzed workflow logic to optimize system performance and efficiency, a key component in factory equipment improvement.</li><li>Created Test Cases, Bug Reports, and user manuals to support testing and user onboarding</li></ul>	
<b>EGAT – Sirindhorn Dam, Ubon Ratchathani</b>	Mar – May 2024
Electrical Engineering Intern	
<ul style="list-style-type: none"><li>Participated in maintenance and troubleshooting of electrical systems at a floating solar power plant</li><li>Assisted in inspecting and analyzing the condition of solar panels, wiring, and connection points to detect abnormalities</li><li>Took part in replacing fuses and repairing damaged electrical modules</li><li>Learned and applied electrical safety standards and on-site troubleshooting techniques</li></ul>	
<b>Graduation Project - Smart Building Energy Management System with IoT and AI</b>	2024 - 2025
Developed a comprehensive system for analyzing, processing, and visualizing data within smart buildings to enhance energy management efficiency, leveraging IoT technologies and Artificial Intelligence concepts.	

## EDUCATION

<b>Bachelor of Electrical Engineering</b>	2021 - 2025
Ubon Ratchathani University, Thailand	
<b>GPAX:</b> 2.78 / 4.00 (Final Year GPA: 3.47)	
<b>High School (Science-Math Program)</b>	2018 - 2020
Najaluai School, Ubon Ratchathani, Thailand	
<b>GPAX:</b> 3.40 / 4.00	

## ADDITIONAL INFORMATION

<b>Technical Skills</b>	<b>Soft Skills</b>
<ul style="list-style-type: none"><li><b>Programming Languages:</b> Python, JavaScript, Typescript(Learning)</li><li><b>Web Development:</b> React, HTML, CSS, Next.js (Learning)</li><li><b>Languages:</b> Thai (Native), English (Able to understand basic English technical documents and manuals.)</li><li><b>Tools:</b> Git, Github, VScode, Bitbuket (Learning), Jenkins (Learning) , Jira (Learning)</li></ul>	
<ul style="list-style-type: none"><li>Strong Teamwork &amp; Collaboration</li><li>Effective Communication</li><li>Strong Problem-Solving &amp; Analytical Thinking</li><li>Adaptability &amp; Flexibility</li><li>Good Interpersonal Skills</li></ul>	

Awards/Activities

