



TANAUAN PARK PLACE, BRGY.
BAGUMBAYAN, TANAUAN, BATANGAS
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TECHNICAL SKILLS

Programming:

HTML, CSS, JavaScript, PHP,
Dart, C++, SQL

Frameworks & Tools:

Flutter, Bootstrap, Firebase,
Arduino IDE

Databases:

MySQL, Firebase

Cloud & Servers:

Windows Server, Basic AWS
(EC2, S3)

Networking:

Basic Configuration,
Troubleshooting, Network
Topology Design

Design:

Adobe Photoshop, Illustrator,
Canva, Figma

Version Control:

Git (basic)

SOFT SKILLS

- Team Collaboration
- Problem Solving
- Communication
- Creative Thinking
- Attention to Detail

CARL JEFERSON I. URI

Bachelor of Science in Information Technology

Major in Network Technology

Graduate with a Bachelor of Science in Information Technology, major in Network Technology, with hands-on experience in web development, IoT solutions, and system administration. Skilled in designing and deploying web applications, integrating IoT devices for real-time automation, and managing network infrastructure on Windows Server and AWS. Experienced in creating interactive hardware-software systems that enhance monitoring, efficiency, and reliability. Passionate about solving complex technical challenges and optimizing performance across both hardware and software environments.

EDUCATIONAL HISTORY

Batangas State University - JPLC Malvar

Bachelor of Science in Information Technology
2021 - 2025

EXPERIENCES

Arktech Philippines

On-the-Job Training | 2025 (500 Hours)

- Developed an IoT machine monitoring system using HTML, CSS, JavaScript, PHP, MySQL.
- Integrated Arduino sensors with the web app to track machine status and alerts.
- Learned techniques for optimizing the display of large datasets.

Creotec Philippines

Work Immersion | 2020 (80 Hours)

- Identified bugs and conducted UI/UX testing to ensure smooth performance.
- Provided insights to improve usability and design responsiveness.

PROJECTS

Home Lab (Virtual Machine)

VirtualBox, Windows Server, Windows 10 Client, DNS, DHCP, Active Directory

- Deployed Windows Server as a domain controller for centralized management
- Added Windows 10 clients to the domain and configured domain join settings
- Set up core services such as DNS and DHCP for automated network management
- Managed user accounts, permissions, and group policies through Active Directory

Machine Monitoring System

Full Stack Developer | HTML, CSS, JavaScript, PHP, MySQL, Arduino

- Developed a web-based platform to monitor machine statuses in real time.
- Integrated Arduino sensors to trigger alerts and visualize data dynamically.
- Implemented video playback that captures footage before machine alarms.
- Optimized frontend display to handle large datasets efficiently.

MeasuringBot (Capstone Project)

Project Leader | HTML, CSS, Bootstrap, JavaScript, Firebase, Arduino

- Integrated a traditional measuring wheel with cloud-based technology using Arduino and Firebase.
- Enabled wireless control via smartphone, allowing users to operate the device remotely.
- Visualized measured areas through auto-sketching features..
- Led project planning, development, and testing.

PocketSight (Mobile App)

Frontend & UI/UX Designer | Flutter, Dart, Firebase

- Social media app focused on digital art sharing and discovery.

Diwata Hotel Reservation System

Frontend Developer | HTML, CSS, JavaScript

- Designed a responsive hotel booking site with integrated chatbot support.