

IVAN KATE P. PESA

MECHATRONICS ENGINEER(ROBOTICS)

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SUMMARY

Detail-oriented Mechatronics Engineering graduate with professional experience in remote office work. Possesses strong problem-solving skills, technical adaptability, and a commitment to high work standards. Eager to apply engineering knowledge to support operations and contribute to the company's efficiency and innovation.

PROFESSIONAL WORK EXPERIENCE

Front-End Web Developer Intern(Pixel8 - Pixel8 Web Solutions and Consultancy Inc.) - On-the-Job Training **4th Year, 2nd Sem**
Software Engineering Department

- Worked with **Vue.js framework** through practical application in a web development project.
- Familiarization in the **Quasar framework** to create responsive and efficient user interfaces.
- Familiarization in **Axios with Quasar** to implement API integrations.
- Collaborated effectively with team members using GitLab for version control and project management.
- Conducted basic **Cypress testing** to ensure functionality and reliability of web applications.
- Implementation of **HTML, CSS, and Javascript** in programming.

Technical Digital Marketing Assistant- Finland **Sept 2023-Dec 2024**
Office(Remote)

- Maintained and updated the company website using **WordPress, Elementor with basic Javascripting**.
- Proficient in **Google Search Console, Google Analytics, Microsoft Clarity, and Google Tag Manager** to monitor and enhance website performance, analyze competitors, and improve google search rankings which includes Basic SEO.
- Managed CRM platforms such as **Zoho and HubSpot** to organize and maintain company data.
- Developed automation workflows with **Zapier and Pipedream** to enhance efficiency.
- Conducted technical research to support business operations.

EDUCATION

Bachelor of Science in Mechatronics Engineering **2020- 2024**
Batangas State University- The National Engineering
University

Top Performing Student- 2022, 2024

- Major course in Robotics, with experience in software electronics integration.
- THESIS ON "**DESIGN AND DEVELOPMENT OF MEMS-BASED AIRCRAFT'S GYROSCOPIC INSTRUMENT TRAINER FOR AEROSPACE ENGINEERING**"
- Member of Mechatronics Engineering Students Society.

STEM Graduate- Senior High School **2018-2020**

First Asia Institute of Technology and Humanities

- Quarterly Honor Student in the Academy

Highschool **2014-2018**

The Mabini Academy

- *Quarterly Honor Student* in the Academy
- Joined relevant Mathematics Competitions
- Spartan Olympiad Committee Member

Elementary **2008-2014**

Abundio Torre Memorial Elementary School

- Graduated as *Batch Valedictorian(With Honors)*
- Joined and won relevant Mathematics Competitions(Math-Rathon)

ADDITIONAL INFORMATION

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| <ul style="list-style-type: none">• Technical Skills:<ul style="list-style-type: none">◦ Basic knowledge with programming<ul style="list-style-type: none">▪ C++▪ HTML▪ Python▪ Javascript▪ CSS▪ Basic Troubleshooting• Engineering Skills<ul style="list-style-type: none">◦ Robotics & Control Systems◦ Industrial Automation (PLC Programming)◦ Basic Electronics and Wirings◦ Basic Occupational Safety◦ Embedded Systems & Microcontrollers◦ Basic Pneumatic Systems | <ul style="list-style-type: none">• Additional Skills:<ul style="list-style-type: none">◦ Video Editing◦ Graphic Design◦ Workflow Automation◦ CRM & Data Management• Soft Skills:<ul style="list-style-type: none">◦ English Proficiency (Written & Spoken)◦ Strong Work Ethic & Adaptability◦ Proactive |
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COMPETENCY CERTIFICATE

in

FRONTEND DEVELOPMENT

is awarded to

Ivan Kate P. Pesa

For having successfully completed the competency requirements of the Pixel8 Academy Frontend Development Training, specializing in the following *Technology Stack* and *Software Development Tools*:

TECHNOLOGY STACK COMPETENCIES


- Git
 - Basic Git commands
 - Understanding version control
 - Branching and Merging
- Vue.js Framework:
 - Reactive data binding
 - Component-based Architecture
 - Routing
 - Form Handling and Validation
- Quasar Framework
 - Responsive Design
 - Component Lifecycle
 - Layouts and pages
 - Vue Router
 - Quasar components
- JSON Server
 - Database Prototyping

SOFTWARE DEVELOPMENT TOOLS COMPETENCIES

- VSCode
- GitLab
- Node.js
- Cypress
- Figma

Certificate ID: 6302

Issued on: May 17, 2024


LAURENCE M. CAYABYAB
SOFTWARE ENGINEERING
SUPERVISOR
JOSHUA JADIE
Head Coach
JINKY SÁNCHEZ
HR/Admin Assistant