



Kurt Hydein P. Imperial

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PROFESSIONAL SUMMARY

Detail-oriented Software Engineer with hands-on experience in full-stack web development, systems analysis, automation, and quality assurance. Proven track record of building, maintaining, and supporting scalable web-based systems used by local and international users. Experienced in translating business requirements into technical solutions, performing debugging and root-cause analysis in production environments, and collaborating with cross-functional teams. Strong foundation in testing, deployment support, and continuous process improvement.

EDUCATION

Benthel Asia School of Technology

Science, Technology, Engineering, and Mathematics
With Honors

Sudtunggan, Lapu-Lapu City
August 2021

Southwestern University - PHINMA

Bachelor of Science in Information Technology
GPA: 1.56
Cum Laude

Urgello Street, Cebu City
May 2025

PROFESSIONAL EXPERIENCE

Technical Specialist I

Alliance Software, Inc.

CBP Ayala, Cebu City
June 2025 - March 2026

- Provided L1 and L2 application support for international users across multiple countries, ensuring system reliability and strict SLA compliance
- Performed in-depth debugging, root cause analysis, and issue resolution for production and staging environments
- Handled live user calls, virtual troubleshooting sessions, and incident escalations with technical and non-technical stakeholders
- Conducted functional, regression, and user acceptance testing (UAT) for new releases and patches
- Designed and developed a tenant-wide SharePoint-integrated application using Power Apps, Power Automate, and SPFx, enabling all users within the tenant to access a floating navigation menu across their respective SharePoint sites
- Implemented role-aware access and seamless SharePoint integration to ensure consistent user experience across sites
- Collaborated closely with developers, service owners, and QA teams to improve application stability, performance, and user experience

AI Research Intern
Alliance Software, Inc.

CBP Ayala, Cebu City
February - June 2025

- Researched, developed, and evaluated AI-powered tools to support the company's AI adoption and developer productivity initiatives
- Conducted comparative analysis of AI assistants and assessed their effectiveness for day-to-day software development workflows
- Built proof-of-concept test cases using React JS, Transformers JS, and Vite
- Designed and executed automated and manual test scenarios using Cypress, Playwright, and CodeceptJS
- Documented research findings, test results, and technical recommendations for internal stakeholders

Freelance Web Developer

Cebu City
January - December 2024

- Designed, developed, and deployed custom web-based systems to automate business and academic processes
- Implemented responsive and user-friendly interfaces using modern frontend frameworks
- Developed backend logic, database schemas, and API integrations to support application workflows
- Performed ongoing maintenance, bug fixing, and performance optimization for deployed systems
- Provided post-deployment support, documentation, and minor feature enhancements

TECHNICAL SKILLS

Software Development

1. Full-Stack Web Application Development
2. RESTful API Integration & Consumption
3. CRUD Operations & Business Logic Implementation
4. MVC / Modular Application Architecture

Microsoft Power Platform & M365

1. Power Apps (Canvas Apps)
2. Power Automate (Workflow & Approval Automation)
3. SharePoint Online
4. SharePoint Framework (SPFx)
5. Tenant-wide Application Integration
6. Role-Based Access Control (RBAC)

Programming Languages

1. HTML, CSS, JavaScript
2. Python, PHP
3. Java, C#

Frameworks & Libraries

1. React, Next.js
2. Tailwind CSS, Bootstrap
3. Cypress (Test Automation)

Databases & Data Management

1. MySQL, PostgreSQL, Firebase
2. Relational Database Design & Normalization
3. Data Validation & Integrity

Testing & Quality Assurance

1. Manual & Automated Testing
2. Functional, Regression, and UAT Testing
3. Test Case Design & Execution
4. Bug Tracking & Issue Reproduction

Automation & Workflow Optimization

1. Workflow Automation & Process Improvement
2. Power Automate & n8n
3. Low-Code / No-Code Solutions

Systems & Production Support

1. Systems Analysis
2. Debugging & Root Cause Analysis
3. L1 / L2 Application Support
4. Incident Management & SLA Awareness

Tools & Platforms

1. Git, GitHub

2. Apache, Node.js
3. Power BI (Basic Reporting & Dashboards)
4. Figma

Collaboration & Development Practices

1. Agile / Scrum Exposure
2. Ticketing Systems
3. Technical Documentation
4. Cross-Functional & Remote Team Collaboration

PROJECTS

TSUGA & GA: A Predictive Model For Class & Faculty Scheduling System

CFSS is a full-stack web-based scheduling system designed to optimize class and faculty scheduling for the Senior High School Department of Southwestern University – PHINMA. The system automates the traditionally manual and error-prone scheduling process by incorporating predictive logic and rule-based constraints to generate efficient, conflict-free schedules.

The application allows administrators to manage faculty loads, room assignments, time slots, and subject distributions while ensuring compliance with institutional policies and resource limitations. By centralizing scheduling data and enforcing business rules at the system level, CFSS significantly reduced scheduling conflicts, improved accuracy, and minimized manual workload.

Website Link: <https://swushsfaculty.swucite.tech/>

Paper Link: <https://kms-fict.horizon.ac.id/ojs/index.php/innovex/article/view/8>

CERTIFICATES

Responsive Web Design – freeCodeCamp

Legacy JavaScript Algorithms and Data Structures – freeCodeCamp

Setting a Foundation for Successful Test Automation – TestAutomationU

Java Programming – TestAutomationU

LEADERSHIP

College of Information Technology

House Representative / Vice Governor

Urgello Street, Cebu City

2022 - 2023

Basakanon Advocates And Leaders for
Adolescent Health And Development

Member

Basak, Lapu-Lapu City

2020 - 2021