

# RAINIER SAPIN

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## WORK EXPERIENCE

### Software Development Intern | Information Technology Business Solutions Corp

Feb 2026 – May 2026 | Mexico, Pampanga

- Developed financial tracking modules for Project Costing and Development workflows in enterprise accounting system using PHP, PostgreSQL, and JavaScript following MVC architecture
- Created 15+ UI mockups and implemented corresponding full-stack features including database schemas, backend logic, and user interfaces for budget monitoring and disbursement allocation
- Collaborated with development team using Git version control, code reviews, and agile development practices

## PROJECTS

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### Juvelink: Case Management & Scheduling System with RFID-Based Inventory

- Developed full-stack case management system for juvenile justice workflows using Next.js, TypeScript, and PostgreSQL with role-based access control and secure session authentication
  - Integrated RFID hardware system (ESP32 + RC522) to track equipment location and assign staff maintenance responsibility for government facility deployment
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### PulseCheck: Uptime Monitoring & Incident Management Platform

- Developed uptime monitoring platform using Laravel, Vue.js, TypeScript, and PostgreSQL to track web service health with automated incident detection and team notifications
  - Implemented background job processing with Laravel queues and containerized application with Docker for production deployment on DigitalOcean
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## TECHNICAL SKILLS

**Frontend:** React, Next.js, Vue.js, TypeScript, JavaScript, Tailwind CSS, Responsive Design

**Backend & APIs:** Node.js, PHP, Laravel, RESTful APIs, JWT Authentication, Session Management, MVC Architecture

**Databases:** PostgreSQL, MySQL

**DevOps & Tools:** Docker, Docker Compose, Git, GitHub, DigitalOcean

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## EDUCATION

### Bachelor of Science in Information Technology (Expected: August 2026)

Pampanga State University – Mexico Campus

*Consistent President's Lister*

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## CERTIFICATIONS

CS50X (Introduction to Computer Science) & CS50P (Introduction to Programming with Python) – Harvard University