

# Kevin Joseph V. Barcelos

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## EDUCATION

**Polytechnic University of the Philippines – Taguig Campus**

*Expected Graduation Oct 2026*

**Diploma in Information Technology, GPA: 1.31**

**Relevant Coursework:** Web Development, Application Development, Mobile Development, Database Management

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Python, C++, HTML/CSS, TypeScript, Java, Kotlin, PHP

**Frameworks & Libraries:** Spring Boot, Laravel, Android, Angular, Tailwind CSS

**Developer Tools:** Git, GitHub, Figma, VS Code, Postman

**Database Management:** MySQL, SQL Server

**Methodologies:** Agile

## ACADEMIC PROJECTS

**NLCOM – Inventory Management System | Angular, SCSS, Laravel (PHP), MySQL**

**Nov 2025 -Present**

- Web-based platform automating relief goods tracking and inventory management for NLCOM.
- Designed to minimize waste through efficient resource allocation and real-time monitoring.

**CEFRS | Angular, SCSS, Java, Spring Boot, MySQL, GitHub Actions**

**Sep 2025 – Jan 2026**

- Web application digitizing academic resource management with real-time scheduling and conflict-free allocation.
- Implemented multi-channel authentication with SMS/email verification and role-based access control.
- Developed double-booking prevention logic with waitlist functionality and intelligent inventory checks.
- Built centralized admin calendar with color-coded status tracking, dynamic filtering, and one-click PDF reporting.

**SpendSense | Android, Kotlin, SharedPreferences, JUnit**

**Jan 2025 - Feb 2025**

- Personal finance Android app implementing 50/30/20 budgeting rule with expense tracking and visual analytics.
- Developed category-based tracking with transaction history search and SharedPreferences for data persistence.
- Implemented profile management with PIN security, category breakdown with percentage calculations, and comprehensive unit testing using JUnit to ensure app reliability and data accuracy

**DragonVault | HTML, CSS, JavaScript, PHP, MySQL**

**April 2025 – June 2025**

- Developed a secure web-based banking application with dual interfaces for bank tellers and account holders, enabling deposits, withdrawals, and internal/external fund transfers with OTP verification.
- Implemented transaction history tracking and real-time balance updates using PHP and MySQL, ensuring data integrity and secure session management for concurrent user operations.
- Designed responsive UI with HTML5/CSS and JavaScript, creating intuitive dashboards for both user roles with form validation and error handling to enhance user experience and security.

## WORK EXPERIENCES

**Polytechnic University of the Philippines - Taguig Campus**

**Quality Assurance & Accreditation Team**

**April 2025 - Sept 2025**

– Practicum OJT 1 (300 Hours) | MS Word, Google Drive, Docs, Design Tools

- Creation of accreditation documents and embedding for the official website.
- Conducted quality and compliance checks prior to publication.
- Ensured accuracy, accessibility, and compliance with institutional standards.

**Polytechnic University of the Philippines - Taguig Campus**

**Secretary of External affairs of PUPT - Central Student Council**

**Nov 2023 - June 2024**

- Create and send out cold emails to find sponsorship and partnership to organizations and businesses outside PUP to collaborate in events.