Kevin Joseph V. Barcelos

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EDUCATION

Polytechnic University of the Philippines – Taguig Campus   *Expected Oct 2027*
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   **(On Going Project)**
- 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, SharedPreference, 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 Taguig City, PH
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 Taguig City, PH
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.