

# JOHN PAOLO M. ROSALES

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## EDUCATION

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**St. Paul University Manila** | Malate, Metro Manila

Bachelor of Science in Computer Science | *August 2021 – May 2025*

- **Magna Cum Laude, Salutatorian**, Leadership Awardee (Bronze)
- Paulinian Ambassador, College of Business and Management (2023)

**Laguna State Polytechnic University** | San Pablo City, Laguna

Accountancy and Business Management Strand | *August 2019 – August 2021*

- Graduated with Honors | General Weighted Average: 93

## PROFESSIONAL EXPERIENCE

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**RAKSO Computer Technology Inc.** | Makati, Metro Manila

Web Developer | Intern | *January 2025 – May 2025*

- Developed RESTful web app features using Python, Flask, and SQL to automate timetable generation and real-time reporting; designed user-centric UI/UX prototypes in Figma and delivered in an Agile environment.
- Collaborated using Git for version control and documented scalable system architecture; resolved critical bugs via log analysis and delivered fixes aligned with backend, UI/UX teams, and client needs.

**St. Paul University Manila** | Malate, Metro Manila

Database Developer | Contract | *April 2023 – August 2024*

- Developed two internal systems for ICT and library operations using Java Spring Boot, PHP, and SQL, serving 1,000+ users; integrated QR-based attendance and inventory tracking, cited during PAASCU accreditation.
- Maintained and optimized both systems after deployment by providing training, resolving bugs, improving performance, and managing deployment on the university's internal server to ensure secure and reliable operations.

**SM Development Corporation** | 2 E-Com, Pasay, Metro Manila

International Marketing Partner | Part-Time | *January 2021 – December 2022*

- Strategically executed paid campaigns across Meta, Google, and YouTube platforms, achieving a 20% reduction in acquisition cost and boosting conversion efficiency through targeted optimization.
- Customized Excel-based financial models and provided technical support during client presentations and closings, which reduced meeting time and improved decision-making efficiency by 20%.

## PROJECTS

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### **Ordinary Times: A 2D Pixelated PC Game**

Game Developer | *January 2024 – December 2024*

- Presented at St. Paul University Manila's Annual Forum Research 6.0 on May 2025; awarded **Best Thesis** in the Computer Science Program, Batch 2025.
- Developed an interactive 2D educational game in Unity, designed to enhance disaster preparedness which garnered acclaim from over 30 beta testers with respondents from developers, disaster related officers, and gamers for its ability to engage users and foster proactive safety measures, demonstrating potential for scalable impact in emergency readiness training.

### **Payo**

Business Development Lead | *February 2024 – June 2024*

- Led development of a university counseling appointment application, collaborating with UI/UX designers and programmers.
- Coordinated with the Head of Student Affairs Office, Head of Guidance Office, and Guidance Counselors; used Jira to manage tasks and ensure alignment with user needs.

## CERTIFICATIONS

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- **AZ-900: Microsoft Azure Fundamentals**, Microsoft Certified - 2024
- **Absolute Introduction to Object-Oriented Programming in Java**, Udemy - 2024
- **UML and Object-Oriented Design Foundations**, Udemy -2024
- **Introduction to Data Structures & Algorithms in Java**, Udemy - 2024
- **SQL - Introduction to SQL with MySQL**, Udemy - 2024
- **Java 21 Programming Masterclass: Fundamentals for Beginners**, Udemy - 2024
- **Intro To PHP for Web Development**, Udemy - 2024

## LEADERSHIP & COMMUNITY INVOLVEMENT

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### **Junior Philippine Computer Society – SPU Manila Chapter**

Auditor | *June 2024 – May 2025*

- Organized workshops on Data Analytics, Chat fuel Chatbot, enhancing skills for 50+ students.
- Established a centralized resource directory for officers and moderators, migrating data from Google to Microsoft.
- Served as the Assistant Technical Director for Paskuhan 2024 at the Fleur de Lis Auditorium, overseeing stage lighting and sound cues.

### **Google Developer Student Clubs – SPU Manila Chapter**

Core Team Member | *August 2023 – June 2024*

- Coordinated events on GitHub, Flutter, and UI/UX practices, enhancing skills for 100+ students, non-academic staff, and charity partners.

- Led documentation and community management efforts.

### **Junior Philippine Computer Society – SPU Manila Chapter**

Secretary | *June 2023 – May 2024*

- Organized workshops on Microsoft Power Automate, PC Assembly Disassembly, enhancing skills for the entire Computer Science and Information Technology Programs.
- Served as the Technical Director for major institutional events at the Fleur de Lis Auditorium, overseeing stage lighting and sound cues.

### **Junior Philippine Computer Society – SPU Manila Chapter**

Core Team Member | *June 2022 – May 2023*

- Served as the Technical Director for Paskuhan 2022 at the Fleur de Lis Auditorium, overseeing stage lighting and sound cues.
- Established a centralized resource directory for officers starting from A.Y. 2018, migrating data to Google.

### **Junior Philippine Computer Society – SPU Manila Chapter**

1<sup>st</sup> Year Class Representative | *October 2021 – May 2022*

- Hosted and organized technical workshops on GitHub and Blockchain, facilitating smooth event flow and participant engagement.
- Served as a student representative for all first-year Computer Science and IT students, voicing their concerns and interests to faculty and administration

## **TECHNICAL SKILLS**

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- **Programming Languages:** Java, Python, PHP, HTML, CSS, JavaScript, SQL
- **Tools:** Jira, OBS Studio, GitHub, Microsoft Azure, Meta Ads, Google Ads
- **Frameworks:** Flask, Robot Framework, Spring Boot, Unity
- **Concepts:** Agile, OOP, RESTful APIs, UI/UX Principles, Data Structures

## **CHARACTER REFERENCES**

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### **Ricketson Palacio**

*Software Engineer II | Stratpoint Technologies Inc.*

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### **Earl David Ong**

*Business Development Lead | Rakso Computer Technology Inc.*

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