

slvdrvnentjvr@gmail.com | +63 993 362 6123

|                  |                                                                                                                                                                                                                                       |                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>Education</b> | <b>Polytechnic University of the Philippines</b><br>Bachelor of Science in Information Technology<br>• Consistent President’s Lister — A.Y. 2024–2025 (1st & 2nd Sem) and A.Y. 2025–2026 (1st & 2nd Sem). Four consecutive semesters. | Sta. Mesa, Manila<br>Oct 2028 |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|

# Programming Languages

## Frameworks & Tools

## Security

Wireshark, Nmap, Burp Suite, vulnerability analysis, network security, security operations, CTF design, OSINT

**BUKÁS (Bayanihan Unified Knowledge Access System) — Winner**

*AFK Ideathon 2026 · Team Java Rice (5 members)*

- Built an offline-first, dual-role Android application delivering AI-powered personalized education to Grade 5 students and teachers in Manila's low-connectivity public school barangays.
- Replaced cloud-dependent infrastructure with a peer-to-peer QR sync system and **GuroBot**, an on-device AI curriculum engine — so classrooms without internet still receive adaptive lessons and quizzes.
- Delivered a fully functioning, tested application with separate student and teacher roles, lesson authoring, quiz attempts, and progress export.

## Jun – Jul 2026

SparkFest 2026, flagship hackathon of GDG on Campus PUP · Team F4

- Contributed to an offline-first Filipino Sign Language communication assistant for emergency and public-service settings, grounded in Republic Act No. 11106 (Filipino Sign Language Act).
- Three functions: an offline phrase library with text-to-speech; a hearing-person mode with Gemini API online / rule-based simplifier offline; and real-time FSL recognition in-browser via MediaPipe and TensorFlow.js.

## Apr 2026

*InnOlympics 2026, GDG on Campus PLM*

- Built a working solution in a two-day window digitizing the Katarungang Pambarangay, the barangay-level justice system serving 42,047 barangays. Features: complaint filing with SMS reference numbers, automated hearing reminders, 60-day legal-limit tracking with urgency flags, and Certificate to File Action issuance.

## SEEN — Attack-Defend CTF Platform

seenv2.vercel.app

Full-Stack Developer · Aug 2026 · Next.js 15, TypeScript, PostgreSQL, Prisma, Vitest, k6

- Full attack-defend CTF platform: teams register their own vulnerable targets; the platform generates, plants, and verifies flags with an automated grader, cron-driven uptime scoring, and a phase controller.
- Load-tested at 100 concurrent users with k6. Found a login stampede at p95 38.2s (76× over budget), traced it to bcryptjs, and resolved to p95 6.0s with crypto.scrypt + transparent rehash-on-login. Added polling jitter to cut scoreboard p95 from 1.56s to sub-100ms. Flag submission held p95 39ms with zero duplicate captures under contention.

jeopardy.gdgpup.org

Full-Stack Developer · Aug 2026 · Next.js 14, TypeScript, PostgreSQL, Prisma, Python, C/C++

- Jeopardy-style CTF platform for GDG on Campus PUP: dynamic score decay, first-blood bonuses, real-time team aggregation, start/free/end/reset phase controller, and in-browser exploit labs (JWT alg:none bypass, HTTP header leaks, prototype pollution).
- Authored the full challenge set across cryptography, forensics, reverse engineering, pwn, log analysis, web exploitation, and OSINT at three difficulty tiers, including custom C/C++ binaries

and a purpose-built bytecode VM.

**GDG PUP ID Platform**

gdg-id-platform.vercel.app

*Full-Stack Developer & Security Lead · 2026 · Next.js, TypeScript*

- Official digital ID and member-verification platform for GDG on Campus PUP, onboarding 266+ members. Ran the pre-launch security audit; shipped with no reported security incidents.

**ARKID / ProjectArk**

arkph.tech

*Co-Founder & Lead Developer · Feb – Apr 2026 · Next.js App Router, TypeScript*

- Guild platform for ARK shipped in two weeks, serving 50+ members across three concurrent game dev projects. Includes certificate issuance and verification portal with admin auth, revocation, and subdomain rewrites.

**Katibay — Community-Vouched On-Chain Identity**

katibay.vercel.app

*Full-Stack Developer · Mar 2026 · Soroban (Stellar), TypeScript, Next.js*

- Full-stack Stellar dApp attacking the Philippine ID loop that blocks urban-poor students from CHED scholarships. On-chain community attestation: student identity vouched for by separately registered barangay officials, teachers, and neighbors. Deployed and verified on Stellar testnet.

**Professional Experience**

**Foundever Asia, Inc.**

Aug 2025 – Nov 2025

*Agent (Technical Support)*

- Utilized internal tools to perform line tests, analyze network connections, and coordinate with dispatchers for on-site technical repairs.
- Handled high-volume inbound calls focusing on strong KPIs: First Call Resolution (FCR) and customer satisfaction.

**Piyupeeps Iskocial**

August 2024 – Present

*Founder, Head of Administration*

- Founded an online student community connecting PUP scholars; organized events and educational workshops promoting collaboration and personal development.

**Leadership & Organizations**

**Asst. Director for Infrastructure — CyberPH**

Nov 2025 – Present

- Manage infrastructure operations for a national cybersecurity organization, ensuring scalable and secure systems for community programs and events.

**Cybersecurity Learning Head — GDG on Campus PUP**

Oct 2025 – Present

- Direct cybersecurity curriculum for the org’s largest department (266+ members). Delivered a four-session Study Jams track: security fundamentals, Wireshark packet analysis, Red/Blue Team operations, and introductory pen testing.

**Director of Cybersecurity — PUP Microsoft Student Community**

Aug 2024 – Sept 2025

- Ran security workshops and community programs university-wide developing technical and career skills for students.

**Executive Assistant to CFO — PUP Microsoft Student Community**

Aug 2025 – Present

Provide administrative and strategic support to the CFO: financial tracking, documentation, and resource allocation for community events.

**Social Media Architect — AWS Cloud Club, PUP Manila**

Nov 2024 – Nov 2025

Created and curated content for workshops and events; analyzed metrics to optimize outreach and maintain consistent brand presence.

**Chief External Officer — ARK (AcademiTech Research & Knowledge)**

Sep 2025 – Present

Handle external relations and partnerships for the academic tech research and game development guild.

**Administrative Officer — DEVCON Manila**

May 2025 – Present

Manage administrative functions for Manila’s developer community events and operations.

**Awards & Certifications**

**Consistent President’s Lister**

A.Y. 2024–2025 & 2025–2026

*Polytechnic University of the Philippines – Sta. Mesa · Four consecutive semesters*

**Certified in Cybersecurity — ISC2 · Jan 2025**

**Google Cybersecurity Professional Certificate — Google via Coursera · May 2025**

**SQL Associate — DataCamp · Mar 2025 – Mar 2027**

**Computer Systems Servicing NCII — TESDA · Feb 2026 – Feb 2031**

**References**

Available upon request.