Matthew Jericho P. Silva

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WORK EXPERIENCE

Department of Information and Communications Technology of the Philippines **Oct. 2025 - Present**
Computer Programmer I *On-site*

- Led the development of major national platforms, including:
  - **PhilHealth Transparency Portal** (philhealth.open.gov.ph)
  - **Startup PH Website** (startup.gov.ph)
  - **PEMEDES Licensing Portal** (register.pemedes.gov.ph)
  - **ASEAN Summit Registration Portal** (aisummit.asean2026.gov.ph)
  - **DTAP Accreditation Portal** (dtap.dict.gov.ph)
- Enforced security controls across platforms: WAF rules, rate limiting, audit logging, and SSL-only database access
- Architected full-stack gov apps on **Google Cloud Run** and **AWS** with SSL-secured Cloud SQL PostgreSQL and Cloud Armor WAF protection
- Implemented RBAC with multi-role auth flows across national platforms serving thousands of users
- Built AI-powered document verification using Vertex AI for automated ID and facial recognition checks
  - **Stack: Next.js, TypeScript, React, Tailwind CSS, PostgreSQL, Google Cloud Run, AWS, Docker, Vercel, Resend, Cloudflare**

Kasagana-Ka Cooperative **Feb. 2024 - March 2025**
IT System Developer *On-site*

- Developed and improved internal ticketing pages using Ruby on Rails to streamline task tracking and user requests.
- Maintained and updated documentation for technical processes and system updates.
- Collaborated with the IT team to optimize backend workflows and reduce response time for issue resolution.
  - **Stack: Ruby (Ruby on Rails), JavaScript (HAML), HTML, CSS, PostgreSQL, Git, Linux (Arch)**

RGS Global Solution **March 2023 - Sept. 2023**
IT Support *On-site*

- Provided hardware/software support to BPO agents, ensuring minimal downtime and system efficiency.
- Performed system setups, troubleshooting, and maintenance across multiple workstations.
  - **Key Results:**
    - Set up and configured 50+ new workstations and peripherals for newly onboarded agents.

EDUCATION

Polytechnic University of the Philippines **2023 - 2025**
Bachelors of Science in Information Technology *San Juan City, Manila*

- **GPA: 1.70** | President Lister

Polytechnic University of the Philippines **2020 - 2023**
Diploma in Information Communication Technology *Sta. Mesa, Manila*

- **GPA: 1.30** | President Lister

CERTIFICATIONS & SKILLS

- **Certifications:** National Certificate II: Computer System Servicing, National Certificate III: Java Programming.
- **Technologies:** HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, SCSS, Node.js, Java, PHP, Laravel, Python, Ruby on Rails, PostgreSQL, MySQL, MariaDB, Docker, Google Cloud, AWS, Supabase, Vercel, Cloudflare, GitLab, GitHub, Jira, Figma, Resend, RESTful API.
- **Skills:** Full-Stack Web Development, RESTful API Integration, Front-End UI/UX, Back-End Architecture.