JHERED MIGUEL C. REPUBLICA

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PROFESSIONAL SUMMARY

ISC2 Certified in Cybersecurity and aspiring Cybersecurity Professional pursuing a B.S. in Computer Engineering. Skilled in secure web and mobile application development using Next.js and Flutter, with a proven record of winning hackathons and delivering innovative, scalable solutions under pressure.

SKILLS

Core Backend Skills: Python, JavaScript, TypeScript, MySQL, PostgreSQL, RESTful APIs
Frameworks & Technologies: Next.js, React.js, Flutter, Node.js, Express.js, Flask, Flutter
Cybersecurity & Security Tools: Wireshark, Wazuh, Nmap, OpenEDR, OpenVAS, OWASP ZAP, Snyk
Cloud Platforms: DigitalOcean (IaaS, DBaas/Baas), Supabase, Google Cloud Platform
DevOps & Development Tools: Git, GitHub, Docker, CI/CD Pipelines, GitHub Actions, Postman, Jest
Also Familiar With: GitOps Workflows, DevSecOps Workflows, Secure SDLC Practices

EXPERIENCE

Cybersecurity Intern   February 2025 - Present
Trend Micro   *Manila, Philippines*
- Assisted in monitoring, analyzing, and triaging security alerts by reviewing logs, network traffic, and endpoint indicators to identify potential threats and vulnerabilities.
- Supported vulnerability assessment and security research activities, gaining hands-on exposure to malware trends, threat intelligence, and enterprise security tools used in real-world environments.

PROJECTS

Lunti | Next.js, Supabase, TypeScript, RAG-analysis   October 2025 - December 2025
- Engineered a containerized development environment using Docker, ensuring consistent runtime behavior across the team and eliminating environment-related issues.
- Built the application using Next.js and React.js with JavaScript/TypeScript, delivering a scalable and maintainable web interface for ESG tracking.
- Utilized Supabase (PostgreSQL) for scalable backend services and real-time data handling, with supporting data processing and AI-driven ESG report generation.

Blockbayan | Next.js, Supabase   November 2025 - December 2025
- Developed the application using Next.js with TypeScript, ensuring a structured, type-safe, and scalable codebase.
- Utilized JavaScript LocalStorage to manage client-side data persistence and transaction state for a smooth user experience.
- Implemented transparent transaction tracking logic, enabling users to view and verify donation records within the application interface.

TAPCare | Flutter, DigitalOcean   June 2025 - February 2025
- Built TapCARE using the Flutter framework and Dart, delivering a cross-platform mobile application for emergency response within the school.
- Deployed backend services and API endpoints on DigitalOcean IaaS (Droplets), ensuring reliable availability for real-time emergency alerts.
- Utilized DigitalOcean DBaaS for secure, scalable data storage with automated backups to support the school's emergency and clinic operations.

CERTIFICATIONS

ISC² Certified in Cybersecurity (CC)   January 2026
Demonstrates foundational knowledge of cybersecurity principles, including security operations, networking fundamentals, risk management, incident response, and governance, aligned with industry best practices for entry-level cybersecurity roles.

IBM Cybersecurity Analyst   January 2026
Develops practical skills in security operations, threat intelligence, incident detection and response, vulnerability assessment, and log analysis, with hands-on experience using SIEM concepts and industry-standard security tools aligned with SOC analyst workflows.

Google Cybersecurity Professional   December 2025
Covers core cybersecurity fundamentals including threat analysis, security operations, risk management, incident response, and hands-on use of industry tools to identify, analyze, and mitigate security risks in real-world scenarios.

EDUCATION

Polytechnic University of the Philippines   Sta. Mesa, Manila
Bachelor of Science in Computer Engineering   *2024 - 2028*
- Pasig City Scholar
- SM Scholar
- DataCamp Scholar