



GEYVIN EDIEZCA

DevSecOps Engineer

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SUMMARY

Backend Security Engineer with 10+ years of experience across Software Engineering, DevOps, and Quality Assurance. Experienced in designing and securing backend systems, implementing Information Security Management Systems (ISMS), and establishing IT risk management processes to strengthen organizational security posture.

Proficient in developing secure backend services using Python and FastAPI and building scalable cloud architectures on AWS. Skilled in implementing secure infrastructure and access controls, including VPN-based architectures using WireGuard to protect internal services and APIs from public exposure.

Strong background in security assessments, vulnerability remediation, authentication and authorization design, and role-based access control (RBAC) for multi-tenant systems. Adept at automation, CI/CD, and maintaining local and cloud environments to support developers, testers, and production workloads. Leverages AI-assisted workflows such as Claude Code and agentic tooling to accelerate development, automate routine operations, and strengthen code and security reviews.

SKILLS

Cloud & Infrastructure: Amazon Web Services • Terraform • Kubernetes • Ansible

Backend Development: Python • FastAPI • Python Django • PostgreSQL • Shell Script • API Development • API Testing

Security: Information Security • Threat & Vulnerability Management • Penetration Testing • Virtual Private Network (VPN) • Auth0 • Networking

Monitoring, Observability & SIEM: Prometheus • Grafana • Wazuh • Telegraf • Chronograf

CI/CD & Automation: Continuous Integration • Continuous Delivery • Deployment • GitHub Actions

AI Tools: Claude Code • Claude Chat • Claude Cowork • Claude Integrations

Testing & Tools: Selenium • Stripe

Leadership: Team Management

EXPERIENCE

SENIOR DEVOPS ENGINEER, 06/2022 - Current

ING Hubs Philippines, Taguig BGC, Philippines

- Maintained, automated, and monitored main business applications crucial to daily operations of mortgage application process.
- Supported release process and conducted testing activities to ensure quality and reliability.
- Managed continuous integration and deployment pipelines for efficient software delivery.
- Collaborated with development teams to enhance application performance and reliability.
- Automated infrastructure provisioning using tools like Terraform and Ansible.
- Designed and implemented a data ingestion and processing service that integrates with internal platform APIs (e.g., risk data), transforms and persists data to a MSSQL database, and supports real-time dashboard visualization using Telegraf, Chronograf, Python, Bash, and Ansible, orchestrated via Azure DevOps.

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- Developed CI/CD pipelines to automate container image updates and vulnerability remediation, improving patching efficiency and strengthening overall security posture.
 - Monitored and managed application security posture through risk health dashboards, proactively identifying, triaging, and remediating vulnerabilities to ensure system integrity and compliance.
 - Managed and resolved incidents through ServiceNow, performing root cause analysis and implementing fixes to minimize downtime and prevent recurrence.

BACKEND SECURITY ENGINEER, 04/2024 - 04/2026

Datafarming Australia, Taguig City, Philippines

- Led the implementation of the Information Security Management System (ISMS) and IT Risk Management Process, establishing structured workflows for risk identification, assessment, and mitigation across backend services and infrastructure.
- Designed and implemented a WireGuard VPN-based secure access architecture to protect internal services such as pgAdmin and backend APIs, eliminating direct exposure to the public internet and significantly reducing the organization's attack surface.
- Conducted manual penetration testing and security assessments to identify vulnerabilities in backend services and APIs, proactively remediating security gaps and strengthening the platform's security posture.
- Architected and enforced fine-grained role-based access control (RBAC) across organizational resources and farm data, enabling secure multi-tenant access management.
- Developed backend services using Python and FastAPI, delivering secure and scalable APIs supporting agricultural data processing and enterprise workflows.
- Implemented secure token management and refresh mechanisms for third-party integrations, ensuring reliable authentication and protected API communications.
- Strengthened API security by eliminating sensitive data exposure, enforcing strict permission checks, and improving validation across critical endpoints.
- Contributed to backend infrastructure and deployments on AWS, supporting secure cloud-native application architecture.

SENIOR SOFTWARE ENGINEER, 02/2021 - 05/2022

Accenture Philippines, Cebu City, Philippines

- Lead the team of 6 application developers of Hybris L2.
- E-commerce Support Technical Lead of 3 teams.
- Point of escalation for E-commerce technical issues.
- Resolved issues raised via Service Now tickets related to infrastructure and operational issues.
- Performed vulnerability assessment.
- Administered and Provisioned OpenVPN access.
- Monitored release deployment.
- Automated and performed operational acceptance tests on lower and pre-production environments.
- Performed disruptive and non-disruptive tests on pre-production environments.
- Provided project estimation to outside projects as ATPC API Testing SME.
- Conducted knowledge transfer to associate and senior software engineers.
- Conducted test automation training to Accenture new hires.

DEVOPS ENGINEER, 10/2020 - 10/2021

Project Assistant, Iloilo City, Philippines

- Built and set up development tools and infrastructure to support project needs.
- Gathered stakeholder requirements and conveyed them to developers for alignment.
- Automated and improved development and release processes to enhance workflow.

SOFTWARE QA LEAD ENGINEER, 11/2018 - 01/2021

Safelink Hub (British Islands Jersey), Saint Helier, Jersey

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- Used Docker to create and maintain environments for testing.
 - Configured, maintained and integrated test to CircleCI as part of Continuous Integration and Continuous Delivery.
 - Developed automated test using Selenium Webdriver (Ruby Language).
 - Developed automated test using Cypress (JavaScript Language).
 - Created Test Plans and Test Cases.
 - Sanity, Regression, Integration, API and Performance testing (Manual and Automated).
 - Assigned and supervised daily tasks and schedules of QAs.
 - Sent Software QA reports to Project Manager and Development Team.
 - Led quality assurance team in developing testing strategies for software products.
 - Collaborated with developers to identify and resolve software defects efficiently.
 - Implemented automated testing tools to improve testing processes and accuracy.

TEST AUTOMATION ENGINEER, 05/2020 - 11/2020

Achieve Without Borders, Inc, Manila, Philippines

- Developed automated test using Ruby and JavaScript programming language.
- Performed Sanity, Regression, Integration, API and Performance testing (Automated).
- Aided in System and User Acceptance Testing.
- Sent QA tasks update to SCRUM team as end of day report.

RUBY ON RAILS DEVELOPER, 02/2018 - 09/2020

Freelance, Bacolod City, Philippines

- Developed robust, secure web application from ground up based on client needs, utilizing Ruby and JavaScript frameworks.
- Developed scalable web applications using Ruby on Rails framework.
- Collaborated with clients to gather project requirements and specifications.
- Implemented RESTful APIs for seamless integration with front-end applications.

SUBJECT MATTER EXPERT, 06/2015 - 05/2018

TTEC, Bacolod City, Philippines

- Subject Matter Expert of over 6 Telstra Platinum technical support agents.
- Develop tools for agent use.
- Trained agents on new processes and workflows to enhance support effectiveness.
- Conducted research and development to address technical issues faced by agents and clients.
- Compiled daily reports for supervisors and managers.

EDUCATION

Bachelor of Science: Information Technology

University of Saint La Salle, Bacolod City • 05/2014 • Undergraduate

CERTIFICATIONS

AWS Certified Solutions Architect - Associate: <https://www.credly.com/credentials/442j2-2jm4jd2m4c-km9c2amc9k-969j>

AWS Certified Cloud Practitioner: <https://www.credly.com/credentials/l6359a6j566em4jlk9a-dme49acd2lcj4>

LANGUAGES

Filipino • English

LINKS

Portfolio: <http://geyvin-ediezca.com>

LinkedIn: <https://www.linkedin.com/in/geyvin-ediezca-7653ab172/>