

Gericho Miles B. Vizcarra

Software Engineer

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Summary

Highly skilled and dedicated software engineer with a passion for creating innovative solutions. Strong background in computer science and extensive experience in software development, cloud computing, and intelligent automation. Proven ability to deliver high-quality results by leveraging technical expertise and problem-solving skills. Committed to continuous learning and staying updated with the latest industry trends.

Education

- **Google Data Analytics Professional Certificate Google Developer Skills & Web Development Training, 2030**
Gained proficiency in data analysis, insights-driven decision-making, and leveraging data for business success.
- **Master of Science in Software Engineering TECH Philippines, 2029**
Advanced coursework in software development methodologies, software architecture, and emerging technologies.
- **Bachelor of Science in Computer Science Lorma Colleges, 2027**
Relevant coursework in programming languages, algorithms, and database management.

Experience

- **Computer Programmer III DOST-CENTRAL OFFICE PES-INFORMATION TECHNOLOGY DIVISION, Pampanga, 2029-2030**
Developed and maintained software solutions for the organization, ensuring efficient and effective data management and information dissemination.
- **Intern ADP Philippines Inc., 2027-2029**
Assisted in the development and testing of software applications, contributing to the successful delivery of projects within scheduled timelines.
- **Internship DOST Advanced Science and Technology Institute, Quezon City, 2026-2027**
Acquired hands-on experience in software development, collaborating with a team to create innovative solutions for research and development initiatives.

Skills

- **Programming Languages:** Java, C++, Python
- **Software Development:** Agile Methodology, Object-Oriented Programming (OOP), Test-Driven Development (TDD)
- **Cloud Computing:** Amazon Web Services (AWS), Microsoft Azure, Serverless Computing
- **Intelligent Automation:** Robotic Process Automation (RPA), Natural Language Processing (NLP), Machine Learning
- **Problem-solving and Analytical Skills:** Strong analytical thinking and problem-solving abilities, attention to detail

Projects

- **E-commerce Website Development:** Developed a fully functional e-commerce website using modern web technologies. Gathered and analyzed client requirements, designed and implemented front-end UI, integrated secure payment gateway, implemented back-end functionalities, and utilized database management systems. Outcome: Delivered a fully functional e-commerce website with a seamless shopping experience and increased customer satisfaction.
- **Migration to Cloud Infrastructure:** Led the migration of on-premises infrastructure to cloud-based platforms. Designed and implemented cloud architecture leveraging AWS services, utilized Infrastructure as Code (IaC) tools for provisioning and management, and orchestrated the deployment pipeline using CI/CD tools. Outcome: Successfully migrated infrastructure to the cloud, resulting in improved scalability, cost-efficiency, and system resilience.
- **Intelligent Chatbot for Customer Support:** Developed an intelligent chatbot solution to automate customer support interactions. Collaborated with stakeholders, designed and implemented NLP model, integrated with customer support systems, and incorporated machine learning techniques for continuous improvement. Outcome: Deployed an intelligent chatbot, reducing response times, improving customer satisfaction, and increasing operational efficiency.

Certifications

Google Developers Certification

Internship Certifications

DOST Advanced Science and Technology Institute Internship Certification, 2027

ADP Philippines Inc. Internship Certification, 2029

References

Available upon request