



Geraldine P. Ferreras

Full Stack Developer | Data Entry| Virtual Assistant

📍 San Fernando, Pampanga 📞 (+63) 939-6294-015 ✉ ferreras.geraldine@gmail.com 🔗 <https://personal-portfolio-beta-six-83.vercel.app/> 📅 02/01/2003

Summary	Experienced with developing and maintaining software systems utilizing coding languages such as JavaScript and PHP . Uses analytical thinking to solve complex problems and improve software performance. Knowledge of collaborating in team environments to deliver high-quality software solutions.	
Experience	Tarellia Solutions OPC Associate Software Engineer	Feb 2025 – May 2025 San Agustin, City of San Fernando Pampanga
	<ul style="list-style-type: none">Developed a responsive web application using react.js and Tailwind CSS, Improving user engagement by 15%Collaborated with cross-functional teams to implement a RESTful API using Node.js and Express, ensuring seamless data flow between frontend and backend.Integrated JWT-based authentication, securing user access.	
	Tarellia Solutions OPC DocumentationController	Feb 2025 – May 2025 San Agustin, City of San Fernando Pampanga
	<ul style="list-style-type: none">Assisted in preparing and organizing technical documents, data definitions, and system flowcharts using Google Docs and Google Excel.Assisted in internal audits, providing necessary documentation quickly and efficiently as requested by auditors.	
	Tarellia Solutions OPC Quality Assurance	Feb 2025 – May 2025 San Agustin, City of San Fernando Pampanga
Education	https://www.facebook.com/tarelliasolutions/	
	<ul style="list-style-type: none">Conducted user acceptance testing (UAT), identified bugs, and documented steps to reproduce issues. Collaborated with developers to verify fixes and ensure system functionality met user requirements and project standards.Streamlined quality assurance processes for increased efficiency and reduced waste.Established rigorous quality assurance procedures leading to fewer errors in final submissions.Improved data accuracy and consistency through thorough quality assurance processes.	
	PESO City Government of San Fernando, Pampanga Data Encoder	2023-2024 San Fernando Pampanga
	<ul style="list-style-type: none">Entered and managed data and daily logs for job applicants, job seekers, and mayor's permits.Prepared source data for computer entry by compiling and sorting information.Maintained daily production logs of activities and completed work.	
	Barangay Dolores Office Data Encoder	2021-2022 Dolores, San Fernando Pampanga
Projects	<ul style="list-style-type: none">Digitized and maintained records for over 8,000 registered voters in Dolores, making it faster to find and retrieve information.Created and distributed certificates and barangay clearances.	
	Don Honorio Ventura State University Bacolor, Pampanga	2021-2025 Bachelor of Science in Information Technology
	https://dhvsu.edu.ph	
	Relevant Coursework: Programming Fundamentals, Database Management, Networking, Mobile Application Development	
	<ul style="list-style-type: none">1.341 GPADean's List, 1st Semester, 2021-2022Dean's List, 2nd Semester, 2021-2022Dean's List, 1st Semester, 2022-2023Dean's List, 1st Semester, 2023-2024Dean's List, 2nd Semester, 2023-2024President's List, 1st Semester, 2024-2025Degree Awarded with Magna Cum LaudeSoftware Associate, Tarellia Solutions OPC, Completed 2025Thesis Statement: MobilityCom: An IoT Based Glove For Patients To Communicate Their Needs Through Finger Movements.	
References	Pampanga High School San Fernando, Pampanga	2019-2021 Science, Technology, Engineering, and Mathematics
	96 GWA	
	Relevant Coursework: Basic Programming, Computer Systems, Multimedia Arts.	
	Smart Classroom Management System (SCMS)	June 2025 – Present
	A full-stack academic management platform for Admins, Teachers, and Students.	
Skills	<ul style="list-style-type: none">Developed using React.js (frontend), CodeIgniter 3 (backend), and MySQL for a modular, scalable architecture.Implemented user authentication (signup, login, password recovery) with secure JWT-based access, ensuring reliable and protected system access.Integrated QR code scanning for teacher-led attendance tracking and student excuse letter submission with file uploads.Built dynamic interfaces for class announcements, grade tracking, materials, and real-time student notifications.Created and tested RESTful APIs using Postman, with clean MVC structure and reusable helper functions for backend logic.	
	Salesforce CRM Implementation	Feb 2025 – May 2025
	<ul style="list-style-type: none">Deployed and administered Salesforce CRM to optimize sales processes, enabling efficient lead, opportunity, and pipeline management for sales agents.Configured system features including custom objects, validation rules, Flows, and Process Builder, automating manual tasks and improving data quality.Implemented user authentication (signup, login, and password recovery) with secure JWT-based access, ensuring reliable and protected system access.Developed dynamic reports and dashboards for agents and leadership, providing real-time tracking of performance metrics and sales KPIs.Integrated external services (e.g., email, marketing tools) and conducted user training to improve CRM adoption and team productivity.	
	Tech Stack & Tools Used: <i>Salesforce CRM, HTML, CSS, JavaScript, MySQL, Bootstrap, RESTful API, JWT, Flow Builder, Process Builder, Data Loader, Google Workspace</i>	
	MobilityCom: An IoT Based Glove For Patients To Communicate Their Needs Through Finger Movements Project Lead	2023-2024
Certifications	https://mobilitycom.satemp.site/home/login	
	Led a team to develop an IoT-based system for patient communication, reducing communication time through the integration of flex sensors and microcontroller technology	
	Mark Alvin Penpeña Account Executive – Tarellia Solutions OPC	
	https://tarelliasolutions.com	
	+63 917-418-2812 mark@tarelliasolutions.com	
Skills	Languages Javascript, Python, C++, PHP	
	Frameworks React.js, Angular, Bootstrap, Codeigniter, Next.js, Laravel	
	Organizational Time Management, Working under Pressure, Communication, Attention to detail	
	Databases/Tech Stack MySQL, HTML, CSS, JavaScript	
	Google Worspace Google Docs, Google Sheets, Google Slides, Google Calendar, Gmail, Google Drive	
Certifications	Certificate of Completion as Software Associate Tarellia Solutions OPC	May 19, 2025
	Cloud Foundations Great Learning Academy	August 26, 2024
	WordPress with Docker Great Learning Academy	August 24, 2024
	AWS training and certification: SaaS Business Fundamentals Amazon	December 07, 2023