

John Ronald Santos

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Emerging Full-Stack Developer with a foundation in business Intelligence and QA. Skilled in building portfolio projects using Next.js, React.js, and PHP, while applying QA and automation practice for efficient and reliable development, brings experience in analytics and report automation, supporting both technical delivery and business outcomes, with strong problem-solving, communication, and collaboration skills.

SKILLS

Programming & Web Tech JavaScript (ES6+), TypeScript, React.js, Next.js, PHP, CodeIgniter, Node.js, Express.js, WebSocket, HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery, Responsive Web Design (RWD), Java, Cross-browser Compatibility, C#, .NET, ASP.NET Core, Ruby on Rails, Laravel, MVC, RESTful APIs, OOP, Visual Studio, VS Code

Databases & Data SQL, MySQL, MongoDB, Supabase, PostgreSQL, Prisma, Database Design & ERD

BI & Analytics Power BI, Excel (advanced formulas, pivot tables, Power Query), Python (pandas, matplotlib, NumPy)

DevOps & Tools Git, GitHub, Agile/Scrum, CI/CD (GitHub Actions, Docker, Vercel), Visual Studio, VS Code, Jira, Trello, Cloud Platforms (Azure/AWS)

Testing & QA Cypress, QA Documentation

Languages English

PROJECTS

BIO Pro – Smart Attendance & Analytics System • Present

- Developing a workforce management platform that integrates biometric attendance tracking, real-time dashboards, and multi-location support. Built with Next.js (frontend), Node.js & Express (backend), and Supabase/PostgreSQL (database), featuring role-based access control, automated reporting, and analytics dashboards. Designed CI/CD pipelines with GitHub Actions for seamless deployment, with planned facial recognition integration (Python/OpenCV) for enhanced security. [Git](#) | [Live](#)

WebChat – Real-time Messaging App •

- Developed a full-stack chat platform using the MERN stack (MongoDB, Express, React.js, Node.js) with Socket.IO (WebSockets) for instant messaging. Implemented real-time chat, user authentication, CRUD message operations, chat history, and contact lists, with optional features for file uploads, avatars, emojis, and group chat. Designed REST APIs on the backend and a responsive React.js frontend for smooth user experience. [Git](#)

DPF Store – Mini E-commerce Store •

- Developed a lightweight e-commerce application using PHP (CodeIgniter framework), MySQL, AJAX, HTML, CSS, and JavaScript, designed with MVC architecture for maintainability. Implemented product catalog, shopping cart, checkout flow, and order management features, with an admin dashboard to add, edit, or delete products. Built with responsive design optimized for desktop and mobile, providing a fast and user-friendly online shopping experience.. [Git](#).

TempoID – Identity & Access Management Tool •

- Created a Java-based system (Java, Eclipse, MySQL) for generating and managing temporary IDs with role-based access controls and database-backed storage. [Git](#)

EXPERIENCE

CITS IT Solutions • 01/2023 — Present

Freelance On-Call IT Operations Support

Managed on-call IT operations support, handling troubleshooting, configuration, and escalations to ensure reliable system performance for home and small-office environments.

Pulse Optix / Boracay Hotel & Convention Project • 06/2025 — 09/2025

QA / QC Site Engineer

Coordinated QA/QC for low-voltage systems, managing inspections, reports, and stakeholder alignment to ensure compliance and reliable installations.

Teleperformance Vertis North • 09/2023 — 06/2025

Business Intelligence Analyst

Delivered data-driven insights by automating reports and maintaining accurate performance metrics with Power BI to support operations and improve decision-making.

AT Grit Solution • 07/2023 — 09/2023

Software Developer Associate

Supported full-stack development by contributing to coding, debugging, and manual testing to ensure reliable software performance.

Remotask • 09/2020 — 10/2021

Freelance Lidar Annotation Specialist

Annotated and validated 3D Lidar point cloud datasets, performing QA checks to ensure accuracy, compliance with standards, and timely delivery for AI model training.

HG Tech IT Pro • 01/2019 — 01/2020

IT Support / Security Installer

Provided on-call IT support and CCTV installations for event security, ensuring reliable system setup and operational safety.

Chevrolet Alabang • 08/2015 — 12/2018

Parts Consultant

Delivered accurate parts recommendations and inventory support to customers and service teams, ensuring efficient operations and earning recognition as Parts Consultant of the Year (2018) at TCCI Skills Fest.

Chevrolet Alabang & Carmona • 04/2008 — 12/2011

Parts Supervisor / Warehouseman

Advanced to Parts Supervisor role, overseeing warehouse operations, supplier negotiations, and KPI reporting, ensuring accurate inventory flow and efficient service support.

EDUCATION & TRAINING

Bachelor of Science Degree in Computer Engineering

Colegio de Montalban • 09/2019 — 06/2024

Technical Degree in Automobile Mechanic

Don Bosco Makati • 06/2006 — 09/2007