

# John Ronald Santos

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DevOps-oriented Full-Stack Developer with a background in BI, QA, and automation. Skilled in building and deploying web applications using Next.js, React.js, and PHP, applying CI/CD and analytics to improve reliability and performance. Strong in problem-solving, collaboration, and continuous improvement.

## 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, Programming & Web Technologies JavaScript (ES6+), CodeIgniter, Socket.IO, DaisyUI, Axios

## BI & Analytics

**DevOps & Tools** Git, GitHub, Agile/Scrum, Visual Studio, VS Code, Jira, Trello, Cloud Platforms (Azure/AWS), CI/CD (GitHub Actions, Vercel), Docker (basic), Environment Configuration, Deployment (Sevalla), Cloud Platforms (Azure / AWS), Agile / Scrum, Project Tracking (Jira, Trello)

**Testing & QA** Cypress, QA Documentation, Manual Testing, QA Automation

## PROJECTS

### QuickChat – Real-Time Messaging App (MVP) •

- Developed a fully functional real-time chat platform using the MERN stack (MongoDB, Express.js, React.js, Node.js) and Socket.IO for instant communication. Implemented JWT-based authentication, live online status, and contact management with Zustand for state control. Integrated Cloudinary for image uploads, Resend API for transactional email (test environment), and deployed via Sevalla for CI/CD automation. Enhanced UX using DaisyUI, React Hot Toast, and Axios, ensuring smooth, responsive, and secure user interactions. [Git](#) | [Live](#)

### Bio Pro – Smart Attendance & Analytics System (Ongoing) • Present

- Developing a smart workforce management system with biometric attendance, real-time analytics, and multi-location monitoring. Built with Next.js, Node.js, Express, and Supabase/PostgreSQL, featuring role-based access control, automated reporting, and analytics dashboards. Implemented CI/CD pipelines with GitHub Actions for seamless deployment, with ongoing facial recognition integration using Python and OpenCV for enhanced security. [Git](#) | [Live](#)

### 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](#).

### TempID – 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