# John Michael T. Manlapaz

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## Professional Summary

A career shifter with a BS in Mechanical Engineering who transitioned into software development through intensive training at Village88. Experienced as an Equipment Engineer at Texas Instruments, where process-optimization and team training were central responsibilities Experienced as a Software Developer at RelightDepot.com, building automation and integration tools that accelerate catalog management, streamline CRM workflows, and enhance e-commerce operations.

## Key Skills

- Backend Development: PHP, Laravel, CodeIgniter, Ruby
- Frontend Development: HTML, CSS, JavaScript, React.js, Vue.js
- Automation & Integration: Node.js, Git, Zoho Flow, Make (Integromat), Zoho CRM, Zoho Creator
- Process Optimization: Workflow streamlining, cross-functional collaboration
- Analytical Problem-Solving

## Professional Experience

**Software Developer**
RelightDepot.com, Remote
July 2023 – July 2025

- Developed catalog management tools using Laravel and React for BigCommerce that increased efficiency up to 100X.

- Automated creation and updating of deals, contacts, accounts, and leads in Zoho CRM via Make and Zoho Flow.

- Customized BigCommerce theme to improve user experience and streamline updates.

**Equipment Engineer**
Texas Instruments, Clark, Philippines
November 2018 – January 2023

- Onboarded and trained new hires on precision equipment operations and safety protocols.

- Led a study to determine optimal collet touchdown on dies, reducing collet-related failures.

- Proposed and piloted an automatic pressure-compensation system to ensure consistent epoxy dispensing as syringe volume decreased.

# Highlighted Projects

- **Price Update Tool** (Laravel, React)
  Automates pricing updates by matching BigCommerce SKUs with vendor CSVs, highlights new/discontinued items.

- **Product Enrichment Tool** (Laravel, React, OpenAI)
  Leverages AI to generate product descriptions and key specifications, then synchronizes data to BigCommerce.

- **Inventory Management Automation** (Zoho Flow, Zoho WorkDrive)
  Routes vendor inventory emails into a flow that updates SKU levels in BigCommerce automatically.

- **Order Management System** (Zoho Creator, Zoho CRM, QuickBooks, BigCommerce)
  Centralizes Zoho CRM, QuickBooks, and BigCommerce operations in a single custom application.

# Education

**Bachelor of Science in Mechanical Engineering**
Holy Angel University, Angeles City, Philippines
June 2013 – April 2018

- Awarded Best Thesis for "Design and Fabrication of Mechanically Operated Corn Seed Planter Machine: Combined Furrower, Seeder, and Roller"

# Training

**Web Development Immersive**
Village88, Remote
April 2023 – July 2023

- Hands-on experience with CodeIgniter, Laravel, PHP, HTML, CSS, JavaScript, React.js, Node.js, Vue.js, Ruby, and modern testing tools.

**Application Development Bootcamp 2.0**
Zoho, Remote
July 2025

- Demonstration on developing applications using Zoho Creator, with a particular focus on integrating AI features branded as Co-Creator.

# References

Available upon request