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## Professional Summary

Solution-oriented **Full-Stack Developer** with a foundation in Aviation Technology and **4+ years of hands-on business operations experience**. Specializes in building responsive, end-to-end web applications using the **MERN stack and Next.js**, with a strong focus on maintainability, security, and real-world workflows. Uses **AI-augmented development and responsible prompt engineering** to accelerate delivery and iteratively improve system behavior. Known for bridging technical execution and business outcomes, including scaling a family-operated enterprise by over **6x** and later digitizing its core operations.

## Technical Skills

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Vue.js, Tailwind CSS, shadcn/ui, Bootstrap.
- **Backend & Database:** Node.js, Express.js, MongoDB, PostgreSQL (Neon), RESTful APIs, Prisma ORM, Firebase.
- **Security & Authentication:** JWT, bcrypt, OAuth, Role-Based Access Control (RBAC), basic XSS mitigation practices.
- **Testing & QA:** Postman, Playwright (basic), Mocha/Chai (introductory)
- **Tools:** Git, GitHub, Figma, Vercel, Render, AWS Lambda, AI-assisted development (prompt engineering).

## Professional Experience

### Operations Manager | Family-Owned Water Station

MariClaire Retail & Service Businesses | 2020 – 2024

- Led the launch and daily operations of a family-owned water station, scaling average output from **~20 bottles to 150–300 bottles per day** through workflow improvements, customer engagement, and service reliability.
- Supported business growth and expansion, contributing to the establishment of an additional water station location **to meet increasing demand**.
- Provided operational support across multiple retail environments, including a **meat shop and convenience store**, gaining hands-on experience in **customer-facing sales, relationship management, and service quality**.
- Managed inventory replenishment and assisted with basic financial tracking, including daily sales monitoring and simple reconciliation using spreadsheets.
- Oversaw opening and closing procedures and performed **routine maintenance** of water filtration equipment to ensure consistent product quality and uptime.
- Analyzed sales patterns and customer behavior **to identify operational bottlenecks** and recommend process improvements to increase efficiency and reach.

*This operational experience later informed the design and development of a custom online ordering system to digitize and streamline water station workflows.*

## Featured Projects

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### Water Station Online Ordering System | Full-Stack Web App

*Next.js, React, Prisma, PostgreSQL (Neon), Tailwind CSS, Vercel / Jan 2026 – Present*

- Designed and developed an **end-to-end online ordering system** based on real operational requirements from managing a water station business.
- Implemented **multi-role access control** (Admin, Rider, Customer) with page-level restrictions and session handling for suspended accounts.
- Built **order lifecycle** logic covering order placement, assignment, status tracking, and exception handling.
- Developed a **rider task workflow** enabling status updates (Pending, Completed, Failed) with synchronized updates across Admin and Customer views.
- Applied **mobile-first UI principles and performance optimizations** suitable for low-bandwidth field environments.
- Implemented structured loading and error states and followed secure API routing practices.

### The Strand & Sandy Beach Hospitality | Frontend Proposals

*React, Next.js, Tailwind*

- Developed high-fidelity landing pages for hospitality clients, focusing on UI accuracy, responsiveness, and performance optimization.

### MERN / MEVN Stack Portfolio | Full-Stack Developer

*MongoDB, Express, React, Next.js, Vue.js, Node.js*

- Developed a suite of full-stack applications including an **E-commerce Platform, Dating App, and Course Booking System**, focusing on CRUD operations, JWT authentication, and database schema design.

## Certifications

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### Microsoft Certified: Azure AI Fundamentals (AI-900)

*Microsoft / Earned on: June 18, 2025*

### Career Service Professional Eligibility

*CSC, Philippines / Earned on: October 15, 2024*

### Foundations: Data, Data, Everywhere

*Google (Coursera) / Earned on: Dec 29, 2025*

### Tester Essentials: Unit Test Development

*Zuitt Coding Bootcamp/ Earned on: Jan 16, 2026*

## Education

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### Full-stack Web Development Program

*Zuitt Coding Bootcamp | 2025*

### BS - Aviation Technology

*Indiana Aerospace University | 2019*