

# AL - MONSOUR M . SALIDA

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## SUMMARY

Full-stack developer with expertise in building responsive web applications and creating user-centered designs. Experienced in React.js, Next.js, Node.js, and modern design tools. Passionate about delivering clean code and intuitive interfaces that solve real-world problems.

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## EXPERIENCE

### Freelance Junior Full-Stack Developer

Self-Employed | June 2025

- Implemented and maintained landing pages and eCommerce websites for various clients using React.js, Next.js, and Laravel.
- Delivered multiple client projects by implementing responsive, user-centric web applications using modern CSS frameworks, achieving high client satisfaction ratings.
- Participated in 5+ collaborative development projects, contributing to frontend development, UI/UX improvements, and API integration across diverse industries.
- Improved website loading performance across client projects through code optimization, image compression, and implementing lazy loading techniques, resulting in enhanced user engagement and reduced bounce rates.
- Redesigned and modernized UI/UX for e-commerce platforms through implementation of intuitive navigation, accessible design patterns, and mobile-first responsive layouts, leading to increased client conversion rates.
- Collaborated with other developers and clients to translate requirements into functional, visually appealing interfaces and dynamic web solutions.

### Intern - Davao Oriental Polytechnic Institutes

April 2025 - June 2025

- Built and launched the institute's official website using WordPress, enhancing online visibility and providing easier access to institutional announcements and services.
- Provided day-to-day technical support by troubleshooting hardware/software issues and maintaining IT equipment, ensuring consistent operational efficiency across departments.
- Managed and updated student library records using KOHA, an open-source library system, to ensure accurate cataloging and user data.
- Improved the existing barcode-based student ID system by configuring KOHA to generate student barcodes and integrating them into the library attendance process, reducing manual tracking and enhancing check-in speed.
- Collaborated in the production of a promotional video for the institute by contributing to video editing, visual design, and concept development, boosting the school's outreach and branding efforts.

- Developed a web-based inventory and attendance system React.js, Next.js, and PostgreSQL, resulting in improved record-keeping and reduced manual tracking in the Admin Office.
  - Provided daily technical support to staff by troubleshooting hardware/software issues and configuring IT devices, which helped minimize downtime and maintain workflow efficiency.
  - Designed digital posters, office memos, and event graphics using Adobe Photoshop and Canva, enhancing the university's internal communication and event visibility.
  - Digitized and organized administrative records using spreadsheet tools and internal systems, streamlining document retrieval and archiving processes.
  - Assisted with the setup of technical equipment for meetings and university events, ensuring seamless presentation delivery and operational support.
  - Taught and mentored students on fundamental IT concepts, software applications, and digital literacy skills, fostering technical competence and academic growth
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## PROJECTS

### Official Website – Davao Oriental Polytechnic Institute

- Developed and deployed the official website of Davao Oriental Polytechnic Institute to enhance digital presence and streamline access to academic resources. Utilized WordPress for content management and MySQL for dynamic data handling. Key features include announcements, course listings, faculty directories, and admission guidelines, improving communication and accessibility for students and staff.

### MangoLens – Offline Mango Leaf Disease Detection PWA

- Built a progressive web application for real-time mango leaf disease detection using a single-label, multi-class classification model powered by MobileNetV2 and TensorFlow.js. Implemented with React, Next.js, and Legend-State for dynamic UI; Supabase and PostgreSQL for cloud-based user management. Integrated Serwist-PWA to enable offline functionality and installability for use in rural, internet-limited areas. With automated disease detection reports and summary dashboards, improving accessibility and decision-making for farmers and agricultural researchers.

### Face Mark – Face Recognition Attendance System

- Developed a comprehensive web-based attendance system utilizing facial recognition and detection technology. Built with Next.js for the frontend, Node.js for backend services, and PostgreSQL with Prisma ORM for database management. Integrated Face-API.js for accurate face detection and recognition capabilities. Implemented Zustand for efficient state management and TanStack Query for optimized API data fetching. Features include real-time attendance tracking, automated face enrollment, attendance reports, and analytics dashboard, streamlining attendance management for educational institutions and organizations.

### Hub – Real-Time Chat Application

- Built a full-featured chat application with real-time communication capabilities using Next.js for the frontend and Node.js for backend services. Implemented WebSocket technology for instant message delivery and live user presence indicators. Utilized Zustand for client-side state management and TanStack Query for data synchronization. Features include direct messaging, group chats, message history, typing indicators, and online status tracking, delivering a seamless communication experience.

### **Water Billing System – Desktop Application**

- Designed and implemented a desktop application for water billing using Java and JavaFX, with MySQL for backend data storage. Features include customer management, meter reading input, automated billing computation, payment tracking, and report generation, with an emphasis on accuracy and ease of use.

### **POS System – Point of Sale Application**

- Developed a comprehensive point of sale system using Java Swing for the desktop interface and MySQL for database management. Features include product inventory management, sales transaction processing, receipt generation, customer tracking, sales reports and analytics, and user authentication with role-based access control. Designed with an intuitive interface for efficient retail operations and real-time inventory updates.
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## **TECHNICAL SKILLS**

- **Programming & Scripting:** HTML, CSS, JavaScript, TypeScript, Java, Python, PHP
  - **Frameworks & Tools:** React.js, Next.js, Node.js, Express.js, Laravel, Tailwind CSS, Bootstrap, Figma
  - **Databases:** MySQL, PostgreSQL, MongoDB
  - **IT Support & Systems:** Hardware/Software Troubleshooting, Device Configuration, Windows/Linux OS, Basic Networking
  - **Other Tools:** Git/GitHub, Firebase, WordPress, Adobe Photoshop, Canva
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## **EDUCATION**

**Bachelor of Science in Information Technology**

June 2025

Davao Oriental State University