



MELNARD DE JESUS

FULLSTACK DEVELOPER

HOW TO REACH ME

Portfolio: <https://melnerdz.com>

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SKILLS

Tech Stack

Programming Languages

- JavaScript, TypeScript, Node.js (JavaScript runtime), Python (for automation and scripting)

Frontend Development

- HTML, CSS, JavaScript
- Frameworks/Libraries: React.js, Next.js, Astro, Solid.js, jQuery
- Styling: Tailwind CSS
- CMS: TinaCMS (Headless CMS)

Backend Development

- Node.js with Express.js
- Supabase (Auth, DB, Edge Functions)
- Stripe (Payment integration)
- OpenAI (Chatbot integration)

Database Management

- MongoDB (with MongoDB Compass)
- MySQL (with phpMyAdmin)
- PostgreSQL
- Supabase (PostgreSQL-based)

DevOps & Hosting

- Docker

Version Control & Collaboration

- Git, GitHub

Operating Systems

- Windows (with WSL)
- ArchLinux

Work Experience

Junior Backend Engineer (Contract)

Conexus Technology, LLC – Oct 2025 - Present

- Collaborate with product managers, engineers, and other stakeholders to clarify and refine backend software requirements.
- Translate requirements into high-level technical designs, architecture diagrams, and backend specifications.
- Develop, maintain, and optimize backend services and APIs as part of the core application stack.
- Guide and support other developers throughout the implementation process, helping unblock technical issues.
- Troubleshoot and resolve problems related to backend code, integrations, and system design.
- Ensure tasks and features are delivered according to agreed timelines, development schedules, and sprint goals.

Full-stack Developer

Inkful Borders Publishing LLC, a Michigan Company | October 2024 - October 2025 (Fulltime)

- Develop and maintain scalable web applications using MERN stack, Next.js, Astro, and TypeScript, ensuring high performance, maintainability, and SEO optimization.
- Implement Incremental Static Regeneration (ISR) with advanced caching strategies to enable dynamic content updates while maintaining static performance.
- Leverage Supabase as a backend solution for authentication, real-time data, database management, and role-based access control.
- Create and deploy Supabase Edge Functions to handle secure, server-side logic close to the user for low-latency performance.
- Integrate Stripe for secure and flexible payment processing, including setup of webhooks for handling payment events and automated workflows.

Freelance Frontend Developer

Accolade AI | June 2024 - October 2024 (Project-based)

- Develop responsive websites using Astro.js JavaScript framework.
- Optimize site performance through code splitting and image optimization.
- Ensure cross-browser compatibility and mobile responsiveness.
- Collaborate with designers to translate Figma designs into pixel-perfect web pages.
- Manage state using JavaScript frameworks and libraries.

Junior Software Developer

Robot-hub Corp. | January 2024 - May 2024 (Fulltime)

Wellesley Street, Auckland 1141

- Develop and Maintain Backend Services: Design, develop, and maintain scalable and robust backend services using AWS Lambda and other AWS services.
- Integration with AWS Textract: Implement and manage solutions that leverage AWS Textract for extracting text and data from documents.
- Debug code with the use of AWS CloudWatch.
- Designed and built front-end interfaces to ensure user-friendly experiences and smooth navigation within applications with JQUERY.
- Leveraged MySQL database querying techniques to retrieve and manipulate data for various application functionalities.

EDUCATIONAL BACKGROUND

Information Technology

Institution: International Electronics and Technical Institute.

June 2012 - June 2014 (2-year course)

Associate Degree

Graduate