

OLIVER M. MORLA MALDONADO

olivermorla3@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#) | 347-302-0492

Professional Summary

Full Stack Developer with 5+ years of experience building scalable, high-performance applications across MERN, PERN, and serverless architectures. Expert in crafting responsive, SEO-optimized Next.js frontends and integrating AWS-powered backend microservices (Lambda, API Gateway, RDS, S3) for cost-efficient, fault-tolerant systems. Proven track record of improving application performance by up to 50%, reducing infrastructure costs by 20%, and delivering end-to-end solutions that integrate AI, real-time features, and modern DevOps practices. Adept at collaborating in Agile teams and driving projects from concept to deployment with clean, maintainable code.

Core Competencies

- Full Stack Web Development (MERN/PERN)
- Serverless Architecture Design (AWS Lambda, API Gateway)
- Cloud Infrastructure Optimization (AWS S3, RDS, Lambda, EB, Fargate, EC2)
- Responsive UI/UX Development (Next.js, React.js, Tailwind CSS)
- Database Performance Optimization (MongoDB, PostgreSQL, Prisma)
- Agile Project Management & Team Collaboration
- Test Automation & CI/CD (Jest, Selenium, Docker, GitHub Actions)

Technical Skills

Languages & Libraries: Python, HTML, CSS, JavaScript (ES6+), TypeScript, ExpressJS, NodeJS, ElectronJS, ReactJS, ReduxJS, jQuery, Prisma, Redis, Axios, React Navigation, React Hooks, Context API, React Router, React Query, React Form

Frameworks & Tools: NextJS, React Native, Bootstrap, Tailwind CSS, SCSS/SASS, Jest, Detox, Figma, Git/GitHub, GitLab, RESTful APIs, JSON, Postman, Agile Methodology, Docker, Expo, EJS, React Testing Library, Webpack, Babel, OpenAI SDK, PostHog, Resend, Django, Mailjet/Mailgun, Google SC, Hostinger, Vercel, RabbitMQ, Web Sockets, Vitest

Databases & Cloud Services: MongoDB, SQL/MySQL, GraphQL, PostgreSQL, NoSQL, AWS (RDS, S3, SES, SQS, SNS, Lambda, EB, Fargate, AR, EC2), Strapi CMS, Sanity CMS, WordPress, Firebase, Heroku, Netlify, Clerk, Supabase, Payload CMS, Stripe, Cloudflare R2

Experience

Gambit Dev, LLC

Full Stack Developer

Long Island City, New York

Feb 2023 – Current

Developed SaaS platforms, e-commerce integrations, company sites, portfolios, and AI-powered client tools using MERN/PERN stacks with AWS serverless architecture, improving scalability and reducing infrastructure costs.

- Pioneered the use of TypeScript in web application development, achieving a 30% reduction in code maintenance efforts.
- Augmented data management using MongoDB and Prisma ORM, improving database performance by 25%.
- Boosted application performance and scalability by 50% and 30%, respectively, via strategic integration of AWS cloud services.
- Cut operational expenses by 20% by implementing AWS Lambda and API Gateway for serverless architecture.
- Employed Redux for state management in React apps, streamlining state handling and reducing debugging time by 30%.
- Decreased deployment issues by 25% using Docker for consistent environments across development, testing, and production.
- Implemented Payload CMS and Sanity for content workflows, enabling non-technical staff to manage resources.
- Used Cloudflare R2 and CDN to optimize asset delivery, cutting global load times by 45%.
- Integrated AI models, leveraging LLM expertise to enhance application capabilities by 35%, improving user interaction.

New Yorkers International (nyiforyou)

Full Stack Engineer

Queens, New York

May 2020 – Jan 2023

Developed and optimized high-performance digital trading platforms for a global commodities and manufacturing firm specializing in precious metals, agro commodities, and energy. Built scalable web and mobile solutions with React, Next.js, Node.js, Express.js, Django, and AWS RDS, integrating microservices for secure high-volume transactions and real-time tracking. Delivered automation and performance enhancements that supported both internal operations and client-facing digital solutions worldwide.

- Revamped digital trading interface with React, TypeScript, and Next.js, boosting user engagement 40% with real-time tracking.
- Built robust Node.js/Express servers, increasing processing speed 50% for rapid trade executions.
- Established comprehensive Jest and Selenium testing frameworks, reducing software anomalies 35% for stable operations.

- Managed AWS RDS for PostgreSQL, ensuring 99.99% uptime and secure, robust data replication.
- Integrated Sanity and Strapi CMS for dynamic content, reducing content update turnaround by 40%.

Software Engineering Intern

Oct 2019 – Apr 2020

- Optimized trading platform performance by 25% through targeted testing and performance tuning.
- Refined SQL queries with team collaboration, increasing trading data throughput by 30%.
- Engineered robust algorithms that improved trade report accuracy by 15% and accelerated generation speed by 20%.
- Spearheaded legacy code refactors, reducing technical debt by 25% and boosting trading performance by 35%.

Projects

Crunch Fitness Utilities | [Demo Link](#)

- Built real-time inventory tool and shift report manager with Next.js/TypeScript and Convex backend for live data sync.
- Orchestrated a powered AI chatbot using OpenAI SDK, Web Sockets, and RabbitMQ for real-time operations.
- Integrated Supabase and Payload CMS to manage dynamic content and analytics tools; Redis for seamless usage tracking.

NY General Renovation, Inc | [Demo Link](#)

- Deployed a responsive, SEO-optimized landing site using Next.js/TypeScript with newsletter and analytics features for visibility.
- Integrated AI chatbot for client cost estimate generation and common service inquiries.
- Enabled secure online payments via Stripe and automated newsletter workflows to drive client engagement.

Mirza's Construction, LLC | [Demo Link](#)

- Engineered a full-stack, SEO-optimized Next.js/TypeScript site using Payload CMS and Supabase (PostgreSQL + storage) for scalable, managed backend.
- Enhanced UX with Vercel AI SDK chatbot, Redis-based rate-limiter, and Stripe checkout flows for engagement and protection.
- Achieved perfect Lighthouse scores through SSR, bundle optimization, lazy loading, and Framer Motion animations.

Elemental Roofing Solutions, LLC | [Demo Link](#)

- Developed a performant Next.js/TypeScript company site with Payload CMS and Neon (serverless PostgreSQL) backend.
- Optimized global asset delivery using Cloudflare R2 and integrated professional email workflows via Mailjet.
- Applied SSR, analytics, and SEO enhancements for visibility and retention.

Johnny Luna | [Demo Link](#)

- Delivered a dynamic portfolio site using Next.js/TypeScript, combining Payload CMS and Sanity CMS for flexible content workflows for exercise tutorials, freebies (PDF documents), and blog content.
- Built backend with MongoDB and Prisma ORM, enabling consultation booking and AI-enhanced user interaction.
- Focused on SEO, mobile-first design, and high-performance UX for client access and visibility.

Mind Body Shift | [Demo Link](#)

- Built subscription-based fitness platform using Next.js/TypeScript, MongoDB for client tracking, workouts, stats logging, etc.
- Integrated secure payment flows and analytics for streamlined trainer workflows.
- Deployed serverless architecture for scalable delivery and cost-effective performance.

ZPOWA Nutrition | [Demo Link](#)

- Built a fitness e-commerce platform using Next.js/TypeScript and Supabase (PostgreSQL + Auth + Storage), supporting user authentication and product management.
- Implemented Stripe checkout and mobile-responsive UI for optimized conversions.
- Improved discovery and sales via SEO and frontend performance tuning.

Gambit Dev, LLC | [Demo Link](#)

- Developed a modern landing page using Next.js/TypeScript, Payload CMS, SSR, and CDN for SEO and fast performance.
- Integrated analytics, AI chatbot, and Cloudflare for performance optimization and user insights.
- Delivered sleek branding with scalable backend workflows.

Quip.gg | [Demo Link](#)

- Contributed React-based UI components for real-time, multiplayer Web experience on the Quip.gg gaming platform.
- Enhanced frontend performance and responsiveness, improving real-time feedback loop and user immersion.
- Collaborated in optimizing user interactions and animation to elevate overall user experience during gameplay.

Bed.gg | [Demo Link](#)

- Crafted reusable React components aimed at delivering a polished UI with smooth micro-interactions and state management.
- Focused on performance tuning and asset optimization to ensure fast load times and fluid UX.
- Collaborated on UI enhancements that improved the overall engagement and usability of the interface.

Education

New York City College of Technology (NYCCT)

Bachelor of Technology in Computer Systems Technology

May 2023

Brooklyn, New York

Relevant Courses:

- Data Structures & Algorithms
- C++ Programming
- Web Programming
- Object Oriented Programming — Java
- App Development with Database
- Database Administration
- Programming Fundamentals
- Database System Fundamentals

Certifications

IBM Full Stack Software Developer Professional Certificate

Jun 2023

- Introduction to Cloud Computing
- Introduction to Web Development with HTML, CSS, JavaScript
- Introduction to Containers w/Docker, Kubernetes & OpenShift
- Getting Started with Git and GitHub
- Developing Front-End Apps with React
- Developing Back-End Apps with Node.js and Express
- Developing AI Applications with Python and Flask
- Application Development Using Microservices and Serverless
- Python for Data Science, AI, & Development
- Django Application Development with SQL and Databases
- Generative AI: Introduction