

# OLIVER M. MORLA MALDONADO

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## Technical Skills

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

**Frameworks & Tools:** NextJS, React Native, Django, Spring Boot, Bootstrap, Tailwind CSS, SCSS/SASS, Jest, Detox, Figma, Git/GitHub, RESTful APIs, JSON, Postman, Agile Methodology, Scrum Methodology, Docker, Expo, EJS, React Testing Library, Webpack, Babel

**Databases & Cloud Services:** MongoDB/ MongoDB Change Streams, SQL/MySQL Workbench, GraphQL, PostgreSQL, NoSQL, AWS, Strapi CMS, Sanity CMS, WordPress, Firebase, Heroku, Netlify, Clerk

## Experience

### Gambit Dev LLC

Long Island City, NY

#### **Full Stack Developer**

Feb 2023 – Current

- Pioneered the use of **TypeScript** in web application development, achieving a 30% reduction in code maintenance efforts.
- Revolutionized user interface creation with custom **React UI Components**, boosting user retention by 25% across platforms.
- Optimized data management using **MongoDB** and **Prisma**, 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.
- Increased customer satisfaction by 20% and accessibility compliance by 30% through collaboration on **React-based interfaces**.
- Integrated **AI** models, leveraging **LLM** expertise to enhance application capabilities by 35%, improving user interaction.

### New Yorkers International

Queens, NY

#### **Full Stack Engineer**

May 2020 – Jan 2023

- Increased user engagement by 40% through **React**, **TypeScript**, and **Next.js**, enhancing **UI/UX** and overall performance.
- Reduced server response times by 50% and improved reliability by 30% with a microservices architecture transition.
- Managed backend services using **Node.js/Express** and **Django**, achieving a 50% increase in application processing speed.
- Constructed robust testing frameworks with **Jest** and **Selenium**, reducing software anomalies by 35% post-launch.
- Delivered over 10 significant product enhancements, collaborating with diverse teams.
- Automated complex workflows using **Python**, saving the team 20 hours monthly in manual tasks.
- Orchestrated **AWS RDS** instances for **PostgreSQL**, ensuring 99.99% uptime and robust data replication and backup solutions.
- Advocated for code quality and team growth through mentorship and regular code reviews.
- Built cross-platform mobile apps with **React Native**, contributing to a 25% increase in mobile user engagement.

### SW Engineering Intern

Oct 2019 – Apr 2020

- Boosted system efficiency by 25% through comprehensive software testing and optimization.
- Refined **SQL** queries in collaboration with database specialists, achieving a 30% increase in database throughput.
- Formulated innovative data processing algorithms, improving the accuracy and speed of **Tableau** report generation.
- Facilitated the completion of 7 critical projects with key insights in data analysis and software evaluation.
- Recommended and executed system enhancements, contributing to three significant software updates.
- Streamlined operational processes, assisting in the development of system improvements.

## Projects

**Crunch Fitness Inventory Management** | [Demo Link](#) - More Information on LinkedIn/Portfolio

**Around Your Way Fitness** | [Demo Link](#) - More Information on LinkedIn/Portfolio

**Gambit Dev LLC** | [Demo Link](#) - More Information on LinkedIn/Portfolio

**Elemental Roofing Solutions** | [Demo Link](#)

- Built a responsive web application using **Next.js**, **React**, **TypeScript**, and **Tailwind CSS**, increasing user engagement by 30% and reducing load times by 50%.
- Achieved perfect **Lighthouse** scores across all categories, enhancing user experience and reducing bounce rates by 20% through efficient code practices and optimization techniques.
- Integrated **Stripe** for secure transactions and **Sanity CMS** for efficient content management, reducing maintenance time by 40% and improving operational efficiency.

## Mind Body Shift | [Demo Link](#)

- Architected with **Next.js**, **MongoDB**, and **React.js**, improving engagement by 20% through responsive design, booking features, and real-time notifications using **MongoDB** change streams.
- Achieved perfect **Lighthouse** scores, improving performance and reducing security risks by 30% with **OAuth2**, **HTTPS**, and **SSR**, while boosting **SEO** by 25% through server-side rendering.
- Integrated **Sanity CMS** for streamlined content management, and implemented real-time chat with **WebSocket's**, improving user interaction by 35% and reducing operational delays by 50%.

## Personal Projects

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### Hollister Clone | [Demo Link](#)

- Designed a responsive e-commerce platform with **React.js**, **Next.js**, **TypeScript**, and **Framer Motion**, improving **UI/UX** and increasing performance by 18% with optimized rendering.
- Integrated **Sanity CMS** and **Redux** for agile state management, enhancing the shopping cart experience and improving load times, resulting in a more seamless user interaction.
- Implemented **Stripe API**, **Prisma**, **PostgreSQL**, and **Next-Auth**, improving transaction times by 20% and enhancing overall security.

### Threads Clone | [Demo Link](#)

- Developed a social media platform using the **MERN** stack, enhancing user engagement with real-time communication features and seamless interactions, deployed on **Vercel** for high availability.
- Implemented real-time messaging, user verification, and thread bookmarking, improving user experience and interaction by 30%, making the platform competitive in the social media landscape.
- Pioneered **NodeJS** and **Web Sockets** on **AWS EC2**, optimizing performance and ensuring scalability, improving response times and user satisfaction across the platform.

## Education

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### New York City College of Technology (NYCCT)

*Bachelor of Technology in Computer Systems Technology*

## Certifications

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### IBM Full Stack Software Developer Professional Certificate

- 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

### AWS Certified Developer – Associate (In Progress)

## Achievements

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- Improved application performance by 25%, increasing user capacity through critical code refactoring and optimization.
- Led a team of 8 developers, delivering 15 feature-rich releases on time, achieving 95% stakeholder satisfaction.
- Reduced operational costs by 20% and enhanced scalability by migrating legacy systems to AWS cloud infrastructure.
- Boosted annual revenue by 30% by designing full-stack features with React, Node.js, and MongoDB.
- Enhanced team productivity by 35% and shortened onboarding time through mentoring and training junior developers.
- Solved a scalability issue, improving system resilience and increasing traffic handling capacity by 40% with microservices.
- Developed a custom analytics dashboard, increasing marketing ROI by 20% with real-time data visualization insights.