

# OLIVER M. MORLA MALDONADO

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## Technical Skills

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**Languages & Libraries:** C/C++, C#, Java, Python, HTML, CSS, JavaScript (ES6+), TypeScript, ExpressJS, NodeJS, ReactJS, ReduxJS, jQuery, Redis, React Navigation, React Hooks, Context API, React Router

**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, SQL/MySQL Workbench, GraphQL, PostgreSQL, NoSQL, AWS, Strapi CMS, Sanity CMS, WordPress, Firebase, Heroku, Netlify

## Experience

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### Gambit Dev LLC

Long Island City, NY

#### **Full Stack Developer**

Feb 2023 – Current

- Pioneered **TypeScript** in web application development, achieving a 30% reduction in code maintenance efforts.
- Revolutionized user interface creation with **React**, boosting user retention by 25% across platforms.
- Optimized data management using **MongoDB** and **Mongoose**, improving database performance by 25%.
- Boosted application performance and scalability by 50% and 30%, respectively, via strategic **AWS** cloud service integration.
- 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%.
- Applied **Docker** for containerization of React/Node.js applications, ensuring consistency across development, testing, and production environments and reducing deployment issues by 25%.
- Collaborated with design teams to create **React-based** interfaces, improving customer satisfaction by 20% and compliance with accessibility standards by 30%.

### SR Tech

Queens, NY

#### **Full Stack Engineer**

May 2020 – Jan 2023

- Developed high-impact web applications with **React**, improving user engagement by 40% through superior UI/UX designs.
- Drove a transition to **microservices** architecture, halving server response times, enhancing reliability by 30%, and significantly boosting system scalability and maintainability.
- 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 effectively 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% runtime 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

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### **Peak Educational Systems** | [Demo Link](#)

- Led the development of Peak Educational Systems using a stack including **NextJS**, **TypeScript**, **ReactJS**, and **AWS RDS**, facilitating enhanced engagement among parents, students, and educators.
- Streamlined platform efficiency by engineering core features like a scheduling system, news updates, and an interactive admin panel, resulting in a 30% increase in user satisfaction and a 25% decrease in support requests.
- Integrated external services like **Mailchimp** and **EmailJS** for email operations, and utilized **Socket.io** for real-time member interactions, enriching user experience and fostering community engagement.

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

- Devised a high-caliber, responsive e-commerce platform mirroring Hollister, utilizing **ReactJS**, **NextJS**, **TypeScript**, and **Framer-Motion**, delivering an exceptional UI/UX.
- Incorporated **Sanity CMS** and **Redux** for agile state management and shopping cart functionality, redefining user shopping experiences, optimizing performance by 18%.
- Seamlessly integrated **Stripe API**, **Prisma**, **PostgreSQL** and **Next-Auth** for secure payments and reliable user authentication respectively, improving transaction times by 20% and simplifying user registration and profile management.

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

- Launched a dynamic social media platform, "Threads-Clone," using a **MERN** stack, incorporating **MongoDB**, **NextJS** with server actions, **ReactJS**, and **Tailwind CSS**, showcasing state-of-the-art web development practices.
- Engineered real-time communication features using **NodeJS** and **WebSocket's** on **AWS EC2**, enhancing user engagement and interaction. Deployed the application on **Vercel**, ensuring high availability and optimal performance.
- Implemented innovative features such as user verification, real-time messaging, thread bookmarking, and emoji integration in thread creation, providing a comprehensive and interactive user experience that stands out in the competitive social media landscape.

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

- Implemented **Express/NodeJS** server, **MySQL**, and **AWS**; ensured secure authentication via **Passport-OAuth2**, **JWT** resulting in improved data security.
- Built interactive UI using **ReactJS/TypeScript** and **SCSS** for better code maintainability enhancing user experience by 30%.
- Integrated **Stripe API** for secure transactions, mimicking Airbnb's booking functionality. Heightened performance and transaction reliability.

## 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
- Getting Started with Git and GitHub
- Developing Front-End Apps with React
- Developing Back-End Apps with Node.js and Express
- Python for Data Science, AI, & Development

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

## Achievements

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- **Optimized Application Performance:** Enhanced existing application performance by refactoring critical sections of code, resulting a 25% increase in concurrent user capacity.
- **Led Cross-Functional Teams:** Led a team of 8 developers and collaborated with UX/UI designers and product managers to deliver 15+ feature-rich releases on schedule, maintaining a 95% satisfaction rating from stakeholders.
- **Cloud Infrastructure Optimization:** Successfully migrated legacy systems to AWS, achieving a 20% reduction in operational costs and a significant improvement in scalability and reliability.
- **Crafted Full-Stack Features:** Played a key role in designing and implementing full-stack features using React, Node.js, and MongoDB, which contributed to a 30% increase in annual revenue for a flagship product.
- **Mentored and Trained Junior Developers:** Mentored and trained a team of junior developers, enhancing team productivity by 35% and significantly reducing onboarding time for new team members.
- **Innovative Problem-Solving:** Solved a critical scalability issue by implementing a microservices architecture, which improved system resilience and facilitated a 40% increase in traffic handling capacity.
- **Data-Driven Decision Making:** Developed a custom analytics dashboard with real-time data visualization, enabling data-driven decision making and contributing to a 20% increase in marketing ROI.