

OLIVER M. MORLA MALDONADO

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Technical Skills

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

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**, 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.

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

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

New York City College of Technology (NYCCT)

Bachelor of Technology in Computer Systems Technology

Certifications

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

- **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.