

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, Prisma, Redis, Axios, React Navigation, React Hooks, Context API, React Router, React Query

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 the use of **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 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%.
- 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 using **React**, **TypeScript**, and **Next.js**, which improved user engagement by 40% due to superior UI/UX designs. Additionally, enhanced **SEO** and reduced loading times by 25%, optimizing overall website **performance**.
- Drove the transition to a 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% 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

Peak Educational Systems | [Demo Link](#)

- Led the development of Peak Educational Systems using a stack including **NextJS**, **TypeScript**, **ReactJS**, and **AWS RDS**, facilitating greater 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 inspired by Hollister, utilizing **ReactJS**, **NextJS**, **TypeScript**, and **Framer Motion** to deliver an exceptional UI/UX.
- Incorporated **Sanity CMS** and **Redux** for agile state management and enhanced shopping cart functionality, redefining user shopping experiences and 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 "Threads-Clone," a dynamic social media platform utilizing the **MERN** stack, which included **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 **Web Sockets** on **AWS EC2**, enhancing user engagement and interaction. Deployed the application on **Vercel** to ensure high availability and optimal performance.
- Implemented innovative features such as user verification, real-time messaging, thread bookmarking, and emoji integration for thread creation, providing a comprehensive and interactive user experience that distinguishes it in the competitive social media landscape.

Airbnb Clone | [Demo Link](#)

- Implemented an **Express/NodeJS** server, **MySQL**, and **AWS**; ensured secure authentication via **Passport-OAuth2** and **JWT**, resulting in improved data security.
- Built an interactive UI using **ReactJS**, **TypeScript**, and **SCSS** to enhance code maintainability and user experience by 30%.
- Integrated the **Stripe API** for secure transactions, mimicking Airbnb's booking functionality, which 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
- 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
- Python for Data Science, AI, & Development
- Django Application Development with SQL and Databases

AWS Certified Developer – Associate (In Progress)

Achievements

- **Optimized Application Performance:** Increased existing application performance by refactoring critical code sections, resulting in 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 over 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 significant improvements 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, contributing to a 30% increase in annual revenue for a flagship product.
- **Mentored and Trained Junior Developers:** Heightened team productivity by 35% and significantly reduced onboarding time for new team members by mentoring and training junior developers.
- **Innovative Problem-Solving:** Solved a critical scalability issue by implementing a microservices architecture, improving system resilience, and facilitating 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.