

OLIVER M. MORLA MALDONADO

olivermorla3@gmail.com | github.com/OliverMorla | linkedin.com/in/oliver-morla | olivermorla.com | 347-302-0492

Technical Skills

Languages & Libraries: C/C++, C#, Java, Python, HTML, CSS, JavaScript, TypeScript, ExpressJS, NodeJS, ReactJS, Redux, jQuery, Redis

Frameworks & Clouds: NextJS, React Native, Django, Spring Boot, Bootstrap, Tailwind CSS, SCSS/SASS, AWS

Databases & Tools: MongoDB, SQL/MySQL Workbench, GraphQL, PostgreSQL, Strapi CMS, Sanity CMS, NoSQL, EJS, Figma, Git/GitHub, WordPress, RESTful APIs, JSON, Postman, Vercel, Railway, Agile Methodology, Scrum Methodology, Docker

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.
- Integrated **RDS** such as **MySQL** and **PostgreSQL**, boosting operational efficiency by 25%.
- Accelerated **MERN** stack-based development, enhancing project completion rate by 40% and data handling efficiency by 20%.
- 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.
- Elevated user engagement and satisfaction by 35% through deploying engaging single-page applications with **React** and **Redux**.
- Spearheaded company-wide adoption of **TypeScript**, enhancing code robustness by 25% and reducing defects by 15%.
- 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

- Launched high-impact web applications, elevating user engagement by 40% through superior UI/UX designs.
- Transformed system architecture with microservices, halving server response times and increasing reliability by 30%.
- Integrated **RESTful APIs**, significantly enhancing system compatibility and data flow efficiency.
- Established robust testing frameworks using **Jest** and **Selenium**, decreasing software anomalies by 35% post-launch.
- Delivered over 10 significant product enhancements under strict timelines, collaborating effectively with diverse teams.
- Automated critical internal operations using **Python** and **NodeJS/ExpressJS**, boosting team efficiency by 25%.
- Orchestrated a shift to microservices framework, dramatically enhancing system scalability and maintenance.
- Championed code quality and team development through mentorship and regular code reviews.

SW Engineering Intern

Oct 2019 – Apr 2020

- Enhanced system efficiency by 25% through rigorous software testing and refinement.
- Augmented **SQL** queries in collaboration with database experts, achieving a 30% surge in database throughput.
- Assembled innovative data processing algorithms, substantially increasing the precision and speed of Tableau report generation.
- Influenced the completion of 7 critical projects with key insights in data analysis and software evaluation.
- Suggested and implemented system enhancements, contributing to three significant software updates.
- Streamlined operational processes, aiding in the development of system improvements.

Projects

Peak Educational Systems | [Demo Link](#)

- Led the development of Peak Educational Systems using a stack including **NextJS 13**, **TypeScript**, **ReactJS**, and **AWS**, 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 **React-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](#)

- Developed a dynamic social media platform, "Threads-Clone," using a **MERN** stack, incorporating **MongoDB**, **NextJS 14** with server actions, **React**, 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. Optimized 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.