

OLIVER M. MORLA MALDONADO

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Education

New York City College of Technology (NYCCT)

Aug 2018 – May 2023

Bachelor of Technology in **Computer Systems Technology**

Experience

Crunch Fitness

Queens, NY

Front Desk Associate/IT Service Specialist

May 2021 – Present

- Managed inquiries and resolved issues for 500+ gym members, demonstrating professionalism and excellent customer service.
- Repaired IT hardware and conducted routine updates, decreasing system disruptions by 15% and improving service quality.
- Boosted the efficiency of the gym's IT infrastructure via routine weekly maintenance, enhancing system reliability and performance.

Peak Educational Systems

Long Island, NY

Full Stack Developer Intern

Feb 2023 – Oct 2023

- Developed web applications with **TypeScript** and **ReactJS**, enhancing user involvement by 22% through aesthetically pleasing interfaces.
- Integrated **ReduxJS**, managing over 2K+ state changes daily, and utilized **MySQL** and **AWS**, boosting operational efficiency by 25%.
- Persuaded the use of **Mailchimp**, **EmailJS**, and **Socket.io**, increasing user engagement and email marketing effectiveness by 20%.

Gambit Dev LLC

Long Island City, NY

Software Engineer Intern

May 2022 – Sep 2022

- Tested software for bugs and operating speed, fixing bugs and documenting processes to increase efficiency by 18%.
- Collaborated with database administrators to optimize **SQL** queries, resulting in a 25% improvement in database performance.
- Regularly generated comprehensive **Tableau** reports, influencing data-driven decisions for 5+ key projects.

Projects

Peak Educational Systems | <https://peak-educational-systems-production.up.railway.app/>

Summer 2023

- 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 | <https://hollister-clone.vercel.app/>

Summer 2023

- 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.

Airbnb Clone | <https://air-bnb-clone-sigma-sooty.vercel.app/>

Summer 2023

- 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.

Threads Clone | <https://threads-clone-two-amber.vercel.app/>

Summer 2023

- 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.

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, Bootstrap, Tailwind CSS, SCSS/SASS, AWS (RDS)

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