Octavio Márquez
FullStack Developer
Data Scientist / ML Engineer

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Seeking a team to build innovative products. Proficient in FullStack Development, especializing in ReactJS frontend and Node/Express backend - MERN Stack, with a focus on user-facing visual interfaces and a strong design background. Currently finishing a Post Graduate Program in Artificial Intelligence and Machine Learning for Business Applications at the University of Texas. Interested in Blockchain Technologies and Quantum Computing, IoT, GAN's & LLM's.

| EDUCATION

⊕ UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN [2008]
  Graphic Design

⊕ UNIVERSITY OF TEXAS [2024]
  Post Graduate Program in Artificial Intelligence
  and Machine Learning for Business Applications

| LANGUAGES

⊕ SPANISH 100%

⊕ ENGLISH 100%
  Professional
  Proficiency

| CERTIFICATIONS

⊕ UDEMY [2021]
SR REACT JS Developer [Redux (Thunk, Saga), Hooks, GraphQL, Firebase]
⊕ UDEMY [2021]
Complete NODE JS Developer [Express, GraphQL, REST, MongoDB, SQL, MERN]
⊕ UDEMY [2022]
NodeJS - The Complete Guide [MVC, REST APIs, GraphQL]
⊕ UDEMY [2015 / 2018]
React JS - Courses
⊕ 3CT [CDMX] [2015 / 2016]
Progamming courses [Javascript, PHP, JQuery, DB's]
⊕ CETI - UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN [2010]
Web Design Course

| SKILLS

⊕ OS a: MacOS
⊕ Languages: JavaScript[ES6], Typescript, Pyhton, HTML5 + CSS3
⊕ Front End: React JS + Redux [Thunk/Saga], Next JS,
⊕ Back End: Node.JS, Express, GraphQL
⊕ Libraries: Material UI, Bootstrap, Reactstrap, Tailwind CSS, EJS
⊕ Databases: MongoDB, MySQL, Sanity IO, Firebase/Firestore
⊕ Cloud: Heroku, GitHub, AWS S3, AWS EC2, Netlify
⊕ CI/CD: Azure DevOps, Docker
⊕ Testing: Jest/Enzyme
⊕ Management: SCRUM, Jira
⊕ Tools: VS Code, Chrome's DevTools, React Components & Redux Devtools
⊕ Data Science: NumPy, Pandas, Matplotlib, Seaborn
⊕ Machine Learning: Scikit-Learn, XGBoost, Imbalanced-learn

⊕ SODEXO [2023 - 2024] | FullStack Dev
  Client: PLUXEE
Tech Stack: React, Typescript, Java, Redis.
Project Description:
As a Full-Stack Developer at Sodexo, we collaborated closely with the UI team and a team of developers to create a web application providing financial services for companies. Our project utilized React and TypeScript for the frontend, ensuring type-safe and fully functional interfaces, while Java powered our backend services. We worked together to develop and integrate APIs, delivering a robust and user-friendly platform that met our clients' financial needs. Additionally, we employed tools like Azure and Docker to streamline deployment and ensure a scalable, efficient development environment. We used SCRUM and Jira for the Agile methodologies.
https://www.sodexo.com.mx/

⊕ Grupo ECO [2021 - 2023] | Web Admin
Tech Stack: WHM, Cpanel, Apache Servers, Git, SSL Certificates.
Project Description:
Web administration and maintenance for all the Entretenimiento ECO Group which comprises over 25 sites.
Administer Linux-based webhost, manage domains and hosting services, SSL certificates and program updates to prevent downtime.
Support maintenance and creation of new pages.
Assist users with access requests and issues like logins and password resets.
Help users to develop capacity to manage their projects pages. Log problems that have been identified by the team and bug fixing. Add / Remove Users.
Updated JS, CSS, HTML's as necessary.
https://grupo.eco/

⊕ Festival Ceremonia [2022 & 2023] | Full Stack Dev
Tech Stack: React, NodeJs, Material UI, Firebase, Sanity.IO, FB Pixel, TikTok Pixel, Google Analytics, CSS, HTML.
Project Description:
WEB development for the last 2 editions [2022,2023] of the Festival.
Construction of site with REACT JS, and connection to the Firebase databases, connection to SANITY.IO
API endpoints and CMS setup based on schemas.
Set up Events trackers with popular businesses managers like Facebook Pixel, and Google Analytics.
Support maintenance and creation of new pages and functionalities.
Instructing the team how to self-manage the website to add more artists, change texts, images and links.
Constant releases and updates of the website depending on the festival phases and updated CSS/Material UI components and HTML's as necessary.
https://festivalceremonia.com

⊕ AKI AORA [2022] | Web Developer
Tech Stack: React, NodeJs, Material UI, Firebase, Sanity.IO, JavaScript, CSS, HTML
Project Description:
WEB development for AKI AORA, an artistic residency in Tulum that archives and lists all of the projects and artists that have been part of the program.
Construction of site with REACT JS, and connection to the Firebase databases, connection to SANITY.IO API endpoints for administration management.
Updated JS, CSS and HTMLs as necessary and construction of newer functionalities.
https://akiaora.com

⊕ Entretenimiento ECO [2022] | Web Developer
Tech Stack: React, NodeJs, Material UI, Firebase, Sanity.IO, JavaScript, CSS, HTML
Project Description:
WEB development for ENTRETENIMIENTO ECO, a production company based in Mexico City which lists all the festivals and concerts produced by the company with a search bar that looks in the API for an specific event and calendars. Development of graphic identity of website and construction. Construction of site with REACT JS, and connection to the Firebase databases, connection to SANITY.IO API endpoints and CMS setup. Population of website's DB.
Updated JS, CSS , Material UI and HTMLs as necessary and newer functionalities.
https://entretenimiento.eco

⊕ Panea Media [2022] | Web Developer
Tech Stack: React, NodeJs, Bootstrap, Firebase, Redux, Sanity.IO
Project Description:
WEB development for the site of PANEA.MEDIA a talent agency, the site has protected routes with passwords (REDUX) depending on the projects to be displayed.
Development of graphic identity of website along with the Agency's design Team. Construction of site with REACT JS, and setup of the Firebase databases,connected SANITY.IO API endpoints and CMS setup.
Support maintenance and creation of new pages and functionalities.
Instructing the team how to self-manage the website to add more actors and documents.
https://panea.media

⊕ Bravo GNP [2022] | Web Developer
Tech Stack: React, NodeJs, Tailwind CSS, Sanity.IO
Project Description:
WEB development for the last 2 editions [2022,2021] of the Festival
Development of graphic identity of website along with the Festival's design Team.
Construction of site with REACT JS, and connection to the Firebase databases, and SANITY.IO API endpoints and CMS setup. Set up Events trackers with popular businesses managers like Facebook Pixel and Google Analytics. Support maintenance and creation of new pages and functionalities.
Teaching the team how to self-manage the website to add more artists, change texts, images and links.
Constant releases and updates of the website depending on the festival phases.
Updated JS, CSS and HTMLs as necessary.
https://bravognp.com/

⊕ LUXUS [2022] | Web Developer
Tech Stack: React, SASS, Firebase, Redux (Thunk/Sagas), GraphQL, Stripe, TypeScript, Jest
Project Description:
WEB development for LUXUS with REACT JS, an online clothing store with cart, payment method connected to STRIPE, auth based on email and google accounts, testing done with JEST. Development of e-commerce with google and email-based authentication, state saved as sessions to persist state on Redux, shopping cart, checkout page, and payment processor with Stripe. Support maintenance and creation of new pages.
Set up REDUX store to persist state globally through the Thunk/Sagas middleware. Migration to Typescript and set up GraphQL.
https://l-u-x-u-s.shop

⊕ Cartel ECO [2021] | Web Developer
Tech Stack: React, NodeJs, Tailwind CSS, Sanity.IO
Project Description:
WEB development for CARTEL .ECO, a marketing agency based in México City which lists all the projects and brands they have worked with. Construction of site with REACT JS, added connection to SANITY's API's endpoints. Updated JS, CSS and HTMLs as necessary.
https://cartel.eco

⊕ Sanitary Tortilla Company [2021] | Web Developer
Tech Stack: Liquid, PHP, CSS
Project Description:
WEB development for the e-commerce based in SAN ANTONIO, TEXAS. ! Development of graphic identity and Construction of site.
Support maintenance and creation of new pages and functionalities. Teaching the team how to self-manage the website to add more products, categories, etc. ! Update CSS and HTMLs as necessary.
https://sanitarytortillacompany.com

⊕ Alfonso's Tamales [2021] | Web Developer
Technology Stack: Liquid, PHP, CSS
Project Description:
Development of graphic identity and Construction of site. Support maintenance and creation of new pages and functionalities. Teaching the team how to self-manage the website to add more products, categories, etc. Updated CSS and HTMLs as necessary.
https://alfonsostamales.com

⊕ PHYSIS [2020] | Web Developer
Tech Stack: React Js/ Bootstrap/Material UI/Redux
Project Description:
WEB development for the label PHYSIS with REACT JS, the site displays music and information about the music releases. Support maintenance and creation of new pages and functionalities. Styling with Bootstrap
https://phy-sis.xyz

⊕ Macarena Puelles [2020] | Web Developer
Tech Stack: React Js/ Bootstrap/Material UI/Redux
Project Description:
WEB development for the NSFW photographer Macarena Puelles, the site displays in
many galleries all the different types of work of the artist including a video
Gallery. Support maintenance and creation of new pages and functionalities. Styling
with Bootstrap
 https://macarenapuelles.life

⊕ Wasted Fates [2020] | Web Developer
Tech Stack: React Js/ Bootstrap/Material UI/Redux
Project Description:
WEB development for the artist Wasted Fates, the site displays music and information
about the artist. ! Construction of site with REACT JS, Styling with Bootstrap
Support maintenance and creation of new pages and functionalities.
https://wastedfates.com

⊕ Rancho Sarah Tulum [2020] | Web Developer
Tech Stack: PHP, CSS, JS
Project Description:
WEB development for the boutique hotel in Tulum. Development of graphic identity
and Construction of site. Support maintenance and creation of new pages and
functionalities. Update CSS and HTMLs as necessary.
https://ranchosarahtulum.com

⊕ Mexico Beatbox Champs [2019] | Web Developer
Tech Stack: React Js/ Unity / Bootstrap
Project Description:
WEB development for the contest Beatbox Champs. GAME / VIRTUAL TOUR development on
UNITY. Development of graphic identity and Construction of site.
Support maintenance and creation of new pages and functionalities.Styling with
Bootstrap
http://mexicobeatboxchamps.mx

⊕ More Juice MX [2019] | Web Developer
Tech Stack: PHP/ HTML5/ CSS
Project Description:
WEB development for the Music label based in México City. Construction of site
with Javascript and PHP. Support maintenance and creation of new pages and
functionalities.
https://morejuice.mx

⊕ Derre Tida [2019] I Web Developer
Tech Stack: PHP/ HTML5/ CSS
Project Description:
WEB development for the Music label/ Production company based in México City.
Construction of site with Javascript/ CSS and PHP. Support maintenance and creation
of new pages and functionalities.
http://derre-tida.com