HUMBERTO MANGINO

FULL STACK DEVELOPER

hmangino@gmail.com | +52 5543625442 | Chihuahua, Mexico | https://www.linkedin.com/in/humbertomangino/

With over ten years of web development experience and multiple machine learning certifications, I am a Senior Full Stack Engineer specialized in creating innovative and user-friendly web applications using React, JavaScript, Node.js, and RESTful APIs, and the latest cutting edge technologies. I have a deep understanding of data structures, algorithms, cryptographic principles, cyber security and AI knowledge.

I have spearheaded the development of complex components and features for e-commerce, fintech and AI projects, optimizing performance, user interactions, and data flow. I have also collaborated closely with cross-functional teams, UX/UI designers, and data analysts, bridging the gap between design technical implementation and defensive security best practices. I am passionate about learning new technologies and applying data-driven insights to real-world challenges.

SKILLS

Languages:
- Typescript
- Javascript
- Python
- SQL
- Solidity

Technologies/Frameworks:
- ReactJS
- React Native
- Redux
- Node.js
- Express.js
- GraphQL
- Nest.js
- Next.js
- Styled Components
- CSS in JS
- SASS
- Jupyter Notebooks
- Pandas
- NumPy
- Linux (CLI)
- Web3JS
- Hardhat
- Truffle

Application/Database Servers:
- SQL
- PostgreSQL
- MongoDB

Other Tools:
- Visual Studio Code
- Scrum
- KanBan
- Design Patterns

Build Tools/VCS:
- Git
- Jenkins

EDUCATION

Universidad Iberoamericana, Mexico
Bachelor's degree in Interaction Design with major in Computer Science

EXPERIENCE

Distillery (*Software Outsourcing*)   *Mar 2021 - Present*
Senior Full Stack Developer
Project: HUB
- Spearheaded the development of visual and data layer components for the user flow of viubyhub.com web app, leveraging advanced data structures to optimize performance and user interactions.
- Worked on Elevating Redux global state for Type safety, implementing robust type guards across all reducer slices, showcasing a deep understanding of algorithmic design principles
- Collaborated with cross-functional teams to architect and implement efficient data flow mechanisms, ensuring seamless integration between different parts of the application
- Performed in a day to day basis peer code reviews for new features, following best practices and clean code principles.

Tech Stacks: Software Development Methodologies · Linux · Agile Methodologies · Cascading Style Sheets (CSS) · Software Development · Artificial Intelligence (AI) · Git · TypeScript · Redux.js · Problem Solving · Python (Programming Language) · Algorithm Design · JavaScript · React.js · Node.js

Project: Stretto
- Wrote the code for new ReactJS components for a responsive web app. This includes the visual layer based on figma mockups and the data layer which is designed to work with GraphQL and Redux (toolkit) for persistence

Tech Stacks: ReactJS, Redux (Redux Toolkit), Typescript, Sass css, GraphQL, Apolo.

Project: DSC
Dollar Shave Club is one of the most visited e-commerce in the USA that sell grooming products for men and are owned by Unilever. The project was re-writing the existing code and architecture from old and deprecated one to a best practices compliant codebase, using the latest best practices of TypeScript, React and Redux.
- Refactored about 40% of Redux reducers (37 in total) to achieve Typescript safety for the global state of the e-commerce application
- Contributed in the implementation of the new cart system, writing a new unique Cart hook and its' implementation across the components and pages of the DSC e-commerce application
- Developed new features such as a free-shipping progression bar, visual components enhancements and the adoption of the new design system (Featherweight, based on StoryBook) for such components that were implemented before with the old UI system. This new Cart was re-designed from the architectural perspective by DSC technical leadership on the fly
- Quick tech stack, domain and codebase adoption
- Clean code and best practices
- Resiliency to move fast on changing stakeholders and business needs
- Communication efficiency with tech and product leadership to achieve expected results even if ambiguity in information is present.

Tech Stacks: Javascript ES6, TypeScript, React, Redux, Redux Toolkit, Node.js, StoryBook, Styled Components

Globant (*IT services and consulting*)   *Nov 2016 - Mar 2021*
Web UI Engineer
Project: Lending Club (Finance)
- Coded components, features, pages and unit tests for web-based projects such as +Móvil (Liberty Latin America), LendingClub.com and VivaAnuncios.com using React.js, Next.js, React Native, Node.js, Material UI, Express.js, Node, Sass, Jest, Mocha and Optimizely for AB testing;
- Developed plugins and middleware for metrics platforms such as Optimizely in order to retrieve user interaction data
- Collaborated closely with UX/UI designers to transform complex design concepts into efficient and elegant user interfaces, showcasing my ability to bridge the gap between design and technical implementation.

Tech Stacks: React.js, Next.js, React Native, Node.js, Material UI, Express.js, Node, Sass, Jest, Mocha and Optimizely for AB testing

HUMBERTO MANGINO
FULL STACK DEVELOPER

EXPERIENCE

EG Plus Worldwide   *Jun 2014 - Nov 2016*
Digital Creative Director
- Spearheaded the transformation of the agency's digital advertising unit, optimizing processes and workflows through strategic implementation of algorithms and data-driven insights.
- Managed campaigns for HP consumer and enterprise marketing, leveraging algorithmic approaches to enhance ad targeting and engagement, resulting in increased campaign effectiveness.
- Created advanced technological advertising applications with a deep understanding of data structures, algorithms, and cryptographic principles, ensuring the delivery of cutting-edge and secure advertising experiences.

Tech Stacks: HTML5, JavaScript, Node, CSS, Gulp, Python, AngularJS, Adobe Creative Suite

MAKEN   *Aug 2012 - Mar 2014*
Digital Creative Director
- Collaborated with cross-functional teams to design and develop engaging web applications, utilizing cutting-edge programming standards and design trends.
- Applied data-driven insights to inform design decisions, enhancing user experiences and optimizing visual narratives to convey complex concepts effectively.
- Led and managed a diverse team of designers and developers, orchestrating the delivery of high-quality digital products aligned with strategic advertising objectives.
- Translated complex ideas into captivating visual representations, leveraging pre-visualization skills and proficiency in animation software to communicate narratives through drawings, animatics, and cinematics.

Tech Stacks: HTML5, CSS, JavaScript, JQuery Adobe Creative Suite

Crossmedia   *Nov 2011 - Jul 2012*
Art Director & Developer
- Designed and supervised the banamex.com new homepage, based on citi.com marketing and secure scopes web design standards
- Created the web & digital look and feel guidelines document
- Advised on usability and directed design teams on User Experience and User Interface design for the Banamex IOS App

Tech Stacks: HTML5, JavaScript, CSS, SQL, JQuery Adobe Creative Suite

DDB   *Nov 2010 - Nov 2011*
Digital Marketing Art Director & Developer
- Directed the design and development of impactful digital assets, including web interfaces and mobile app user experiences, adhering to usability and user interface design standards.
- Advised on usability and user experience strategies, incorporating data-driven design principles to optimize engagement and user interactions.
- Collaborated closely with marketing teams to align design concepts with brand messaging and campaign objectives, contributing to the achievement of marketing goals.

Tech Stacks: Interaction Design, JavaScript, SQL, Cascading Style Sheets (CSS)