

Interaction Design

Creative Coding Animation

Creative Coding Animation that embellish the user experience

Data Visualization

Exploration of datas through visual analysis.

Generative Art

Generative art base Design

Template theming

Responsiveness

Scalability

Language

Target all audiences with a multilingual website

Content System

User Sessions

User clients can login to your website and manage their account

Role Sessions

Role based permissions

Post System

Manage articles, blogpost, images, products to your website

Social Interactions

Like, comment, rate, notes, todo

Collections

Sorting system, tag, hashtag, categories

Storage

Multiple file upload, image, video. Product collections

Admin Management

Admin dashboard, manage users, roles, permissions, posts, collections

Logic

Data Architecture

Intelligent modular component, tree systems.

Dynamic Database

Store and retrieve safely your datas.

Real-time data manipulation and management using a NoSQL database

File Storage

Upload store and display single or multiple files

Dynamic Management

Product entries, stock calculation

Cloud Notifications

Get instantly informed of your website activity

Interfaces

Admin Sessions

Admin backend to manage and moderate your website

API Integration

Interface to services, payment services, databases, delivery tracking system

Cloud Automation

Embed your social account and run tasks automatically from the cloud

Blockchain Integration

Interact with smart contracts directly from your website. Integrate your NFTs

AI Systems

Chatbot, live assistants, automatic translator, bug detector

IoT

Retrieve data from sensors to pilot electronic devices from your website.

Server-side routing to handle different routes and pages

Unit and integration testing frameworks

Continuous integration, deployment process

Accessibility

SEO

Search Engine Optimization

Social Sharing

Share easily the content of your website on social networks

SSL Security

Secured payload transactions and data validation

Error Handling

Logs of errors along all processes to improve security

Analytics

Generate log and reports to improve communication and user experience

Search Functionalities

Let your users find what they are looking for easily

Geolocation

Ameliorate user experience by providing content based on their location

Decentralized Hosting

Host your website on the decentralized web for 0 downtime.

Security

Technology stack

noSQL Database

Personalized database. Mongodb

Javascript Framework

Responsive mobile first architecture

HTML & CSS & JavaScript

HTML & CSS & Javascript

Javascript Libraries

Bootstrap, p5.js, d3.js.

Warranty & Updates

Security

Extended warranty

Responsiveness

Product warranty

QoS

Extended warranty

System

Free updates to match security requirements

Creative Content Update

One time Cost

Certification

SSL Certificate

Secured data exchanges and requests

Hosting

IPFS (static)

Hosting on the decentralized web to prevent downtime

Local Cloud

Cloud hosting for dynamic applications

Heroku

Online free services for dynamic application.

Guidelines

Modularity

Modular application components.

Modular and reusable components using the Vue.js framework

Structured and styled content using HTML and CSS

Interactive and dynamic elements using JavaScript

Code Guidelines

Code Authenticity. Commented code. Reusable code

Commented code

Documented code

User Guide

Style

Generative art techniques using creative code for animations and graphical elements

Responsive design to adapt to different display environments and devices

Client-side routing

State management using the Vuex library

Code editor online

Graphical and interactive experiences using libraries like P5.js

Sass support using the Node-Sass library

Image processing and color extraction using libraries like Node-Vibrant

Masonry-style layouts

Support

Documentation

Product documentation

AI Assistant

Ask questions in natural Language

Developer Support

Contact over social medias and messaging apps

Fullstack Nuxt.js Application

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|--> Server

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| |--> Load Balancer

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- | |--> Express.js (Web application framework for Node.js)
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- | | |--> MongoDB (NoSQL database)
- | | |--> Data Validation (Validation at multiple scales and levels of abstraction)
- | | |--> Identification Systems (User identification systems)
- | | |--> Encryption Methods (Security mechanism)
- | | |--> Routing (Server-side routing)
- | | |--> Testing Framework (Unit/integration testing)
- | | |--> Deployment Tool (Continuous integration/delivery)
- | | |--> APIs (Interfaces with external data services)
- | | | |--> Ethereum Blockchain (Retrieving ERC721 tokens and interacting with decentralized web contracts)
- | | |--> IoT (Interface with electronics to retrieve sensor information or remotely control elements)
- | |--> Nuxt.js (JavaScript framework for server-side rendering)
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- | | |--> Vue.js (JavaScript framework for building user interfaces)
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- | | |--> Components (Modular design elements that can adapt and combine to form the web architecture)
- | | |--> HTML (Hypertext Markup Language for structuring content on the web)
- | | |--> CSS (Cascading Style Sheets for styling web content)
- | | |--> JavaScript (Programming language for adding interactivity to web pages)
- | | |--> Creative Code (Generative art techniques for creating animations and graphical elements based on code)
- | | | |--> Responsive Design (Ability to adapt to different display environments and spontaneous execution/rendering)
- | |--> Webpack (Module bundler)
- | |--> Babel (JavaScript compiler)
- | |--> Router (Client-side routing)
- | |--> PWA (Progressive Web App)
- | |--> Axios (Promise-based HTTP client)
- | |--> Bootstrap (CSS framework for building responsive, mobile-first websites)
- | |--> D3.js (JavaScript library for manipulating documents based on data)
- | |--> SSR (Server-side rendering)
- | |--> Vuex (State management pattern for Vue.js applications)
- | |--> Vue Router (Client-side routing for Vue.js applications)
- | |--> Brace (Code editor library)
- | |--> P5.js (JavaScript library for creating graphics and interactive experiences)
- | |--> Node-Sass (Library that provides binding for Node.js to libsass)

- | |--> Node-Vibrant (Library for extracting dominant colors from images)
- | |--> Vue-Masonry-Css (Library for creating masonry-style layouts with Vue.js)