ZOHA
BUSINESS SOLUTIONS
WHERE TECHNOLOGY MEETS BUSINESS EXCELLENCE

OUR PORFOLIO

Introduction

ZOHA Business Solutions is a one-stop digital agency specializing in web development, software solutions, digital marketing, mechanical designing, and embedded systems design. With a team of highly skilled professionals, we combine innovation, creativity, and strategy to deliver exceptional results.

INDUSTRIES

We Offer

Our Services

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WHAT WE OFFER

We specialize in embedded systems and mechanical engineering, as well as offering mobile app, website, and software development services. We deliver customized, high-quality solutions for your unique business needs Our Ser vices

- **Web & Software development**
- **Digital Marketing & Branding**
- **E-Commerce Solutions**
- **Mechanical Designing & Engineering Solutions**
- **Embedded Systems Design & Development**
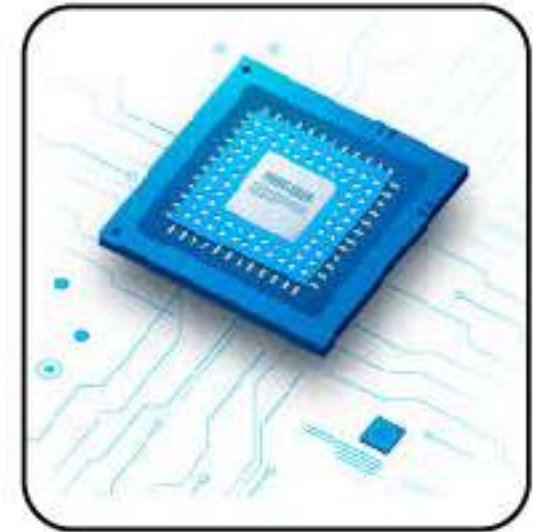
Embedded

DESIGNING

Catan Board

A game that is easy to learn and accommodates a blend of strategy, luck and interesting choices

CORE TECH: ALTIUM, ARDUINO, C++, SOLIDWORK

Embedded

DESIGNING

Switch Box

A universal relay switch Box that can be installed tucked away inside an electrical distribution panel and can be controlled remotely

CORE TECH: ALTIUM, VS CODE, C++

Embedded

DESIGNING

Solenoid Valve Monitor and Control PCB

This PCB design is part of a larger water monitoring system for GrippaTank that is used to monitor water level sensors mounted on a tank and control solenoids based on feedback from water level sensors

CORE TECH: ALTIUM, ARDUINO, C

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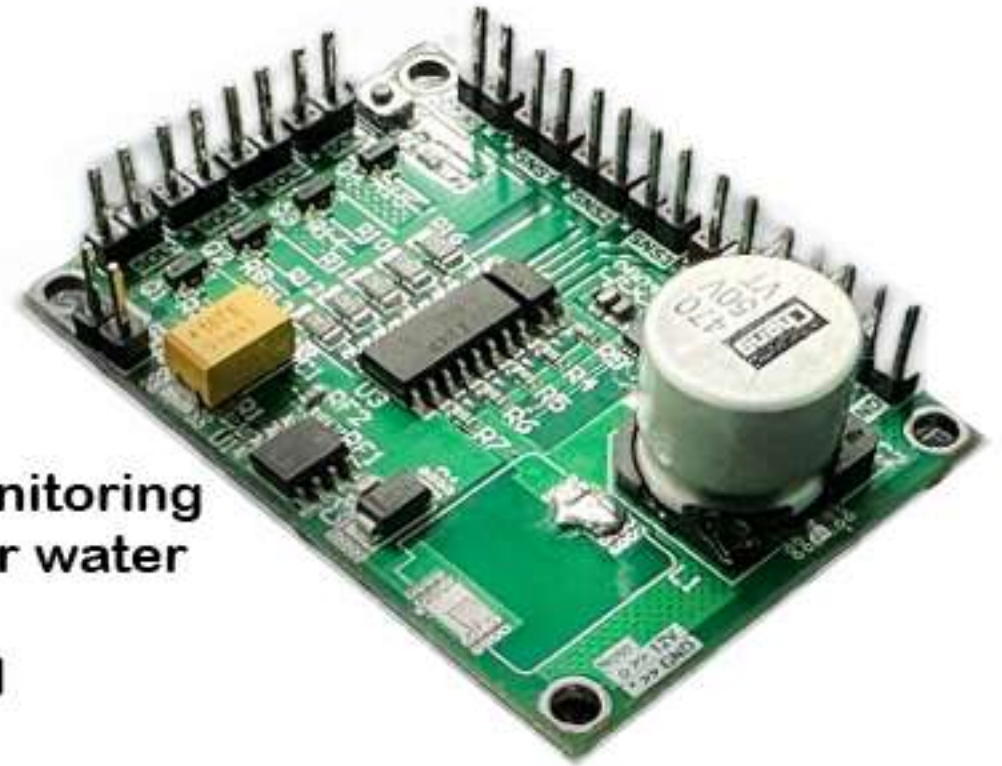
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DESIGNING

Sound Sensor

The PCB is part of a series of Ezlo devices that is used to monitor noise levels and update the MiOS cloud.

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CORE TECH: VSCODE, ESP-IDF, C++, EZLOPI, ARDUINO, ALTIUM

Embedded

DESIGNING

LynxMotion Robotic Arm Control Pro

The PCB is serving an application of controlling a stepper motor based robotic arm.

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CORE TECH: ALTIUM, STM32CUBEIDE, ARDUINO, C++

Embedded

DESIGNING

LCD Display Board

The device which is used for Display for security solution.

CORE TECH: ALTIUM, VS CODE, C++

Embedded

DESIGNING

Dolby Atmos

A sleek, compact soundbar that transforms your
audio experience with immersive 3D sound.
Easy to set up and perfect for home theaters.

CORE TECH: ALTIUM DESIGNER

Embedded

DESIGNING

Stm 32pcb

Digitize your world with ease! Our STM32 chipset and simple display convert analog to digital effortlessly. Perfect for tech enthusiasts.

CORE TECH: **ALTIUM DESIGNER**

Embedded

DESIGNING

Ether Cat Design

Boost your industrial efficiency with our EtherCAT-based system. Smooth and precise control, perfect for large-scale operations.

CORE TECH: ALTIUM DESIGNER

Embedded

DESIGNING

Wireless Gadge

A versatile wireless speaker that delivers great sound quality and supports Bluetooth and SD cards. Perfect for your everyday audio needs

CORE TECH: ALTIUM DESIGNER

Embedded

DESIGNING

IOT Sensor

A sound sensor with 8 microphones is an advanced electronic device designed to capture and analyze audio signals from its surroundings. This product features an array of eight high-sensitivity micropho nes, a microcontroller, and wireless communication capabilities. It can detect and process sound patterns, localize sound sources, and transmit audio data to connected IoT systems for further analysis.

Embedded

DESIGNING

RF Blaster

An IoT-based RF blaster is a sophisticated electronic board designed for both transmitting control signals and receiving status updates wirelessly using radio frequency technology. It features an RF transmitter and receiver, microcontroller, antenna, power supply, and supporting circuitry.

Embedded

DESIGNING

Robotic Arm Controller

An amazing and unique robotic arm controller comprising of a powerful ARM Cortex based MCU design having capability to drive robotic arms to pick up heavy loads. A precision electronic device designed to manage and regulate the motion of servo motors. The on board controller interprets input signals and adjusts the position, speed, and torque of the connec ted servo motors with high accuracy.
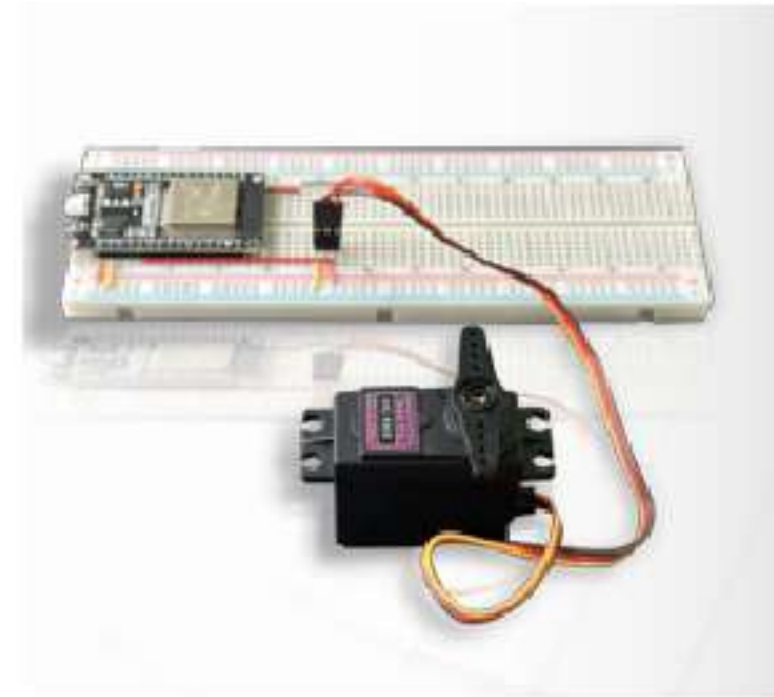
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MG996R Servo

This project demonstrates connecting and controlling the MG996R Servo Motor using MiOS web and mobile applications. The servo motor's 90-degree rotation capability makes it versatile for automation solutions and innovative projects.
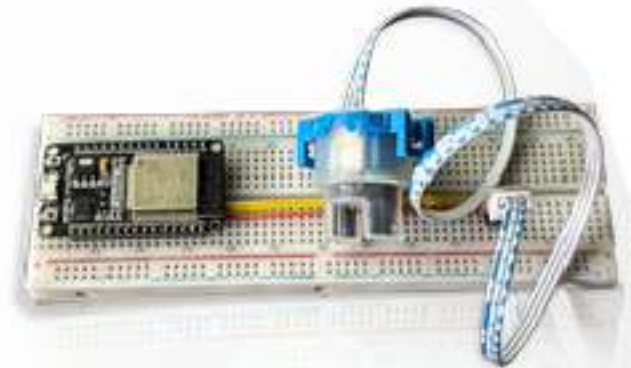
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DESIGNING

Turbidity Sensor

By integrating this sensor with the versatile EzloPi device, users can achieve real-time water quality monitoring and automation. This customizable solution finds applications in environmental monitoring, industry, and smart home systems, providing a comprehen sive approach to managing water quality.
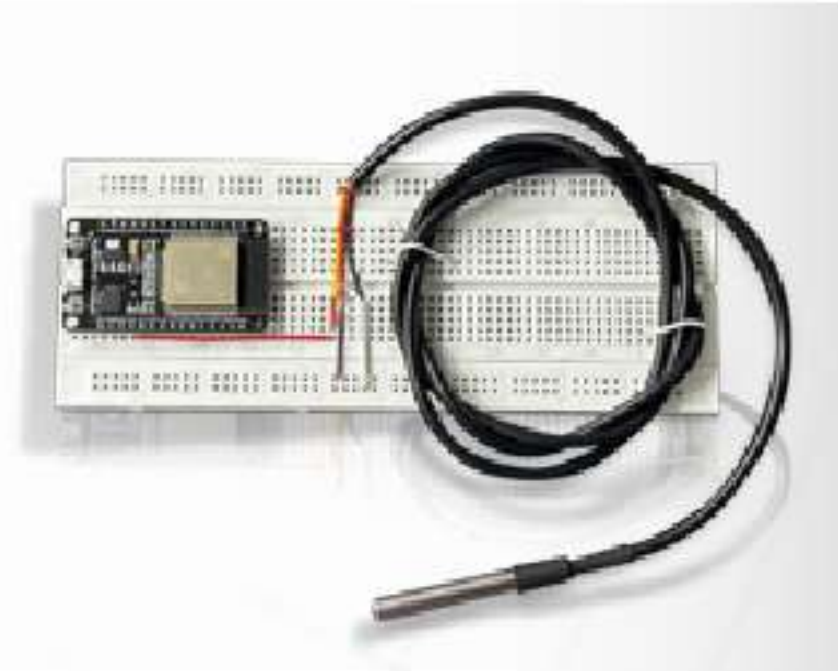
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DESIGNING

Digital Temperature Probe

This project focuses on integrating the DS18B20 digital temperature sensor probe with an ESP32-based device. By doing so, users can seamlessly monitor and control temperature in their surroundings.
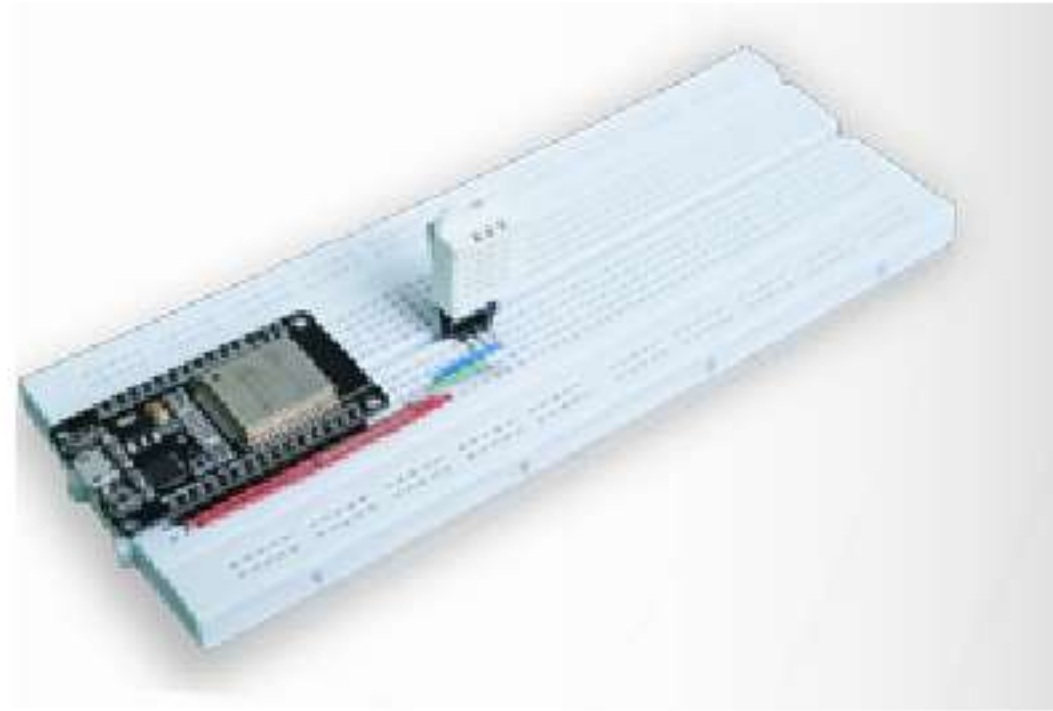
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DESIGNING

DHT22 Temperature Humidity Sensor

The DHT22 sensor, known for its reliability, interfaces with an ESP32 microcontroller. This combination enables real-time monitoring of temperature and humidity levels, making it valuable for diverse applications.

3D Enclosure

DESIGN

ESP32 DevKit V1

Enhance your ESP32 DevKit V1 with our custom-designed 3D enclosure. This sleek housing provides a snug fit, safeguarding your board while maintaining easy access to its features. Elevate your project's style and protection—because your ESP32 deserves both

3D Enclosure

DESIGN

ESP32 DevKit V1

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3D Enclosure

DESIGN

ESP32 DevKit V1

We've crafted a 3D enclosure specifically tailored for the ESP32 DevKit V1. This housing ensures a snug fit, protecting the board while allowing easy access to its features. Now your ESP32 is not only powerful but stylish too!

Mechanical

DESIGNING

Hijab Women Glassess

Our aviator-inspired glasses are specially crafted to elegantly bridge the gap between a woman's face and her hijab. Through thoughtful design enhancements, we've tailored these glasses to ensure a perfect fit, enhancing comfort and style. Our aim is to provide a solution that combines fashion-forward aesthetics with practical functionality, meeting the distinct require ments of hijab wearers

Mechanical

DESIGNING

IOT BUTTON

The IoT button is a device responsible for sending certain signals over a network after clicking on it. Its purpose is to minimize the waste of time on routine tasks. Clicking the button launches some script on the server, which leads to automatic execution of the predefined list of actions.

Mechanical

DESIGNING

Multi-Nozzle 3D Printer

Introducing the Multi-Nozzle 3D Printer, a groundbreaking innovation designed for seamless and efficient printing. This advanced 3D printer features multiple nozzles, enabling automatic nozzle changes without the need for disassembly. With its dedicated software, users can effortlessly manage the printing process and control nozzle selection, ensuring precision and convenience. The printer's robust build and user-friendly interface make it perfect for both beginners and professionals.

Mechanical

DESIGNING

PARKING BARRIER

Automatic barriers are electromechanical devices used to control and monitor vehicle entry and exit in various settings such as car parks, private areas, and industrial premises. They are designed to offer a long working life with excellent security and safety features

Mechanical

DESIGNING

LED SCREEN STRUCTURE PROJECT

An LED display consists of LEDs mounted in a fixed pattern. These combine to form a pixel. By adjusting the intensity of the diodes, billions of colours can be formed. When you look at the LED screen from a certain distance, the array of coloured pixels are seen as an image.
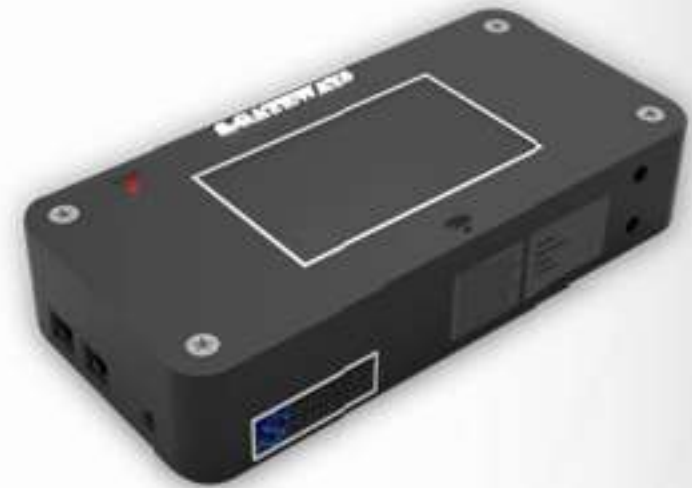
Mechanical

DESIGNING

S-Gate Ways

The S Gateways project focuses on developing advanced mechanical gateway systems to enhance infrastructure security and efficiency.

Mechanical

DESIGNING

Smart Lighter

Introducing the Smart Lighter, a sleek and innovative device designed for convenience and style. It features a robust clip attachment for secure fitting on 14mm or 18mm bong tubes, durable materials, and an integrated butane container with safety valves. The adjustable 4-5 inch articulated arm allows precise flame control, complemented by a spring-loaded metal cover that doubles as a flame extinguisher.

Mechanical

DESIGNING

Smart Speaker

Introducing the Smart Masjid Speaker, a perfect blend of modern technology and elegant design. Featuring advanced Bluetooth functionality, it seamlessly connects to your mobile device, allowing for effortless control through a user-friendly app. Its sleek, cylindrical body is enhanced with a sophisticated LED ring, providing both visual appeal and a touch of modernity. The compact, portable design ensures you can enjoy premium sound quality anywhere, making it ideal for both home and on-the-go use

Mechanical

DESIGNING

SMART WATCH REVERSE ENGINEERING

Smart Watch design attachment add ultronic sensor and motion Sensor

Application
DEVELOPMENT

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SMART METER APPLICATION

ION METER IS AN APP DESIGNED FOR MANAGING SMART METERS IN HOMES, BUILDINGS, OFFICES ETC. WITH USERS AND TECHNICIANS TO GET METER INFORMATION AND REPORTS.

CORE TECH: : REACT NATIVE, REST API, MAPS LOCATION

Application
DEVELOPMENT

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FOOD ORDERING APPLICATION

IT IS AN ONLINE FOOD ORDERING APPLICATION BY WHICH USER CAN ORDER FOOD ONLINE.

CORE TECH: : REACT NATIVE, NODEJS, FIREBASE

Application
DEVELOPMENT

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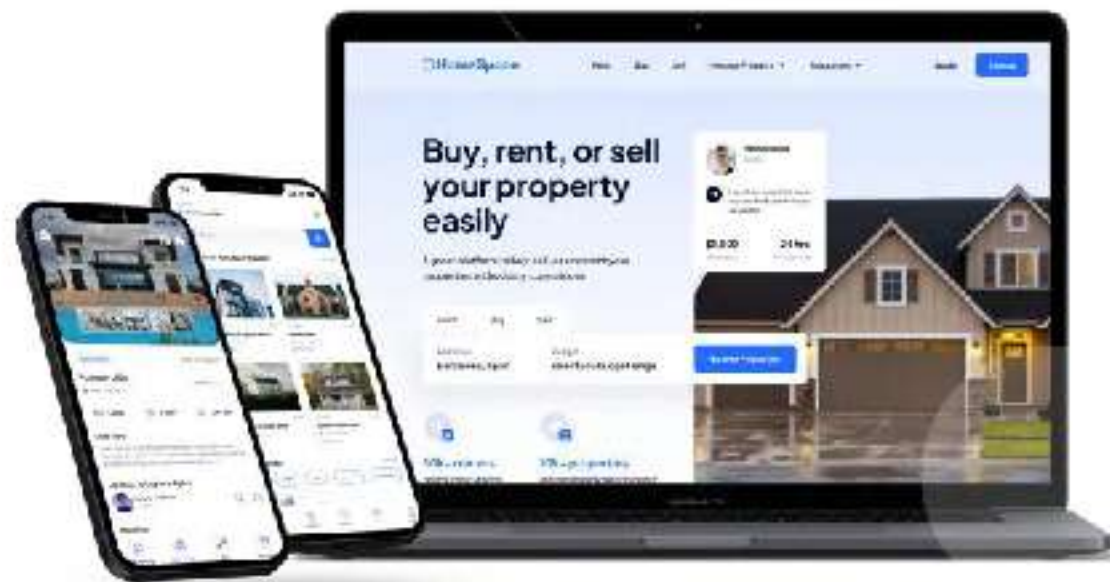
REAL ESTATE
APPLICATION

A service that helps
buyers to buy homes online

CORE TECH: REACT JS

Web Application
DEVELOPMENT

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TICKETING
MANAGING SYSTEM

A TICKETING MANAGING SYSTEM FOR
TECHNICIAN/ADMINS/USERS TO
COMMUNICATE AND PERFORM TIMELY
TASKS IN THE IT SECTORS
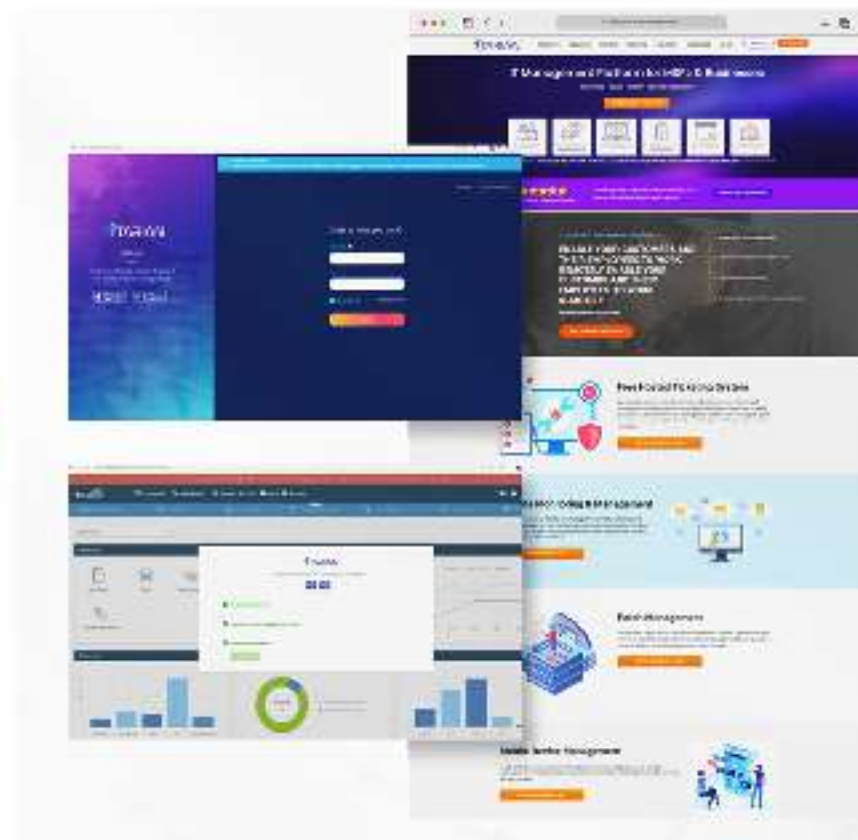
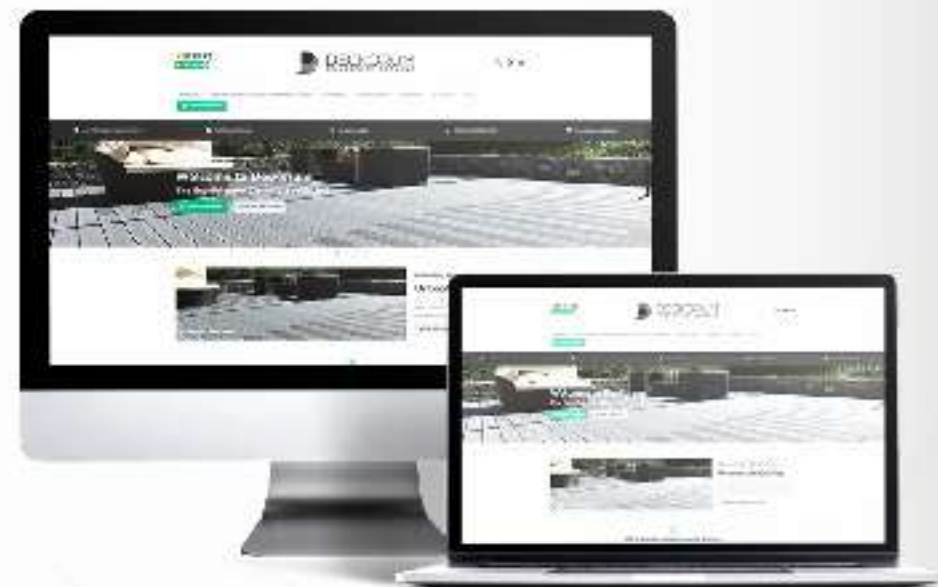**CORE TECH:** REACT NATIVE, AUTH SSO, REST API

WEBSITE

DEVELOPMENT

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HOUSE DECKING PLATFORM

A SERVICE THAT HELP BUYER TO GET BETTER AND HIGH-QUALITY COMPOSITE DECKING.

CORE TECH: WORDPRESS , PHP

WEBSITE
DEVELOPMENT

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PHOTOGRAPH AND VIDEO PRODUCTION PLATFOR

A SERVICE THAT PROVIDE BUYERS A PROFESSIONAL PHOTOGRAPHS AND VIDEO PRODUCTION FACILITIES"
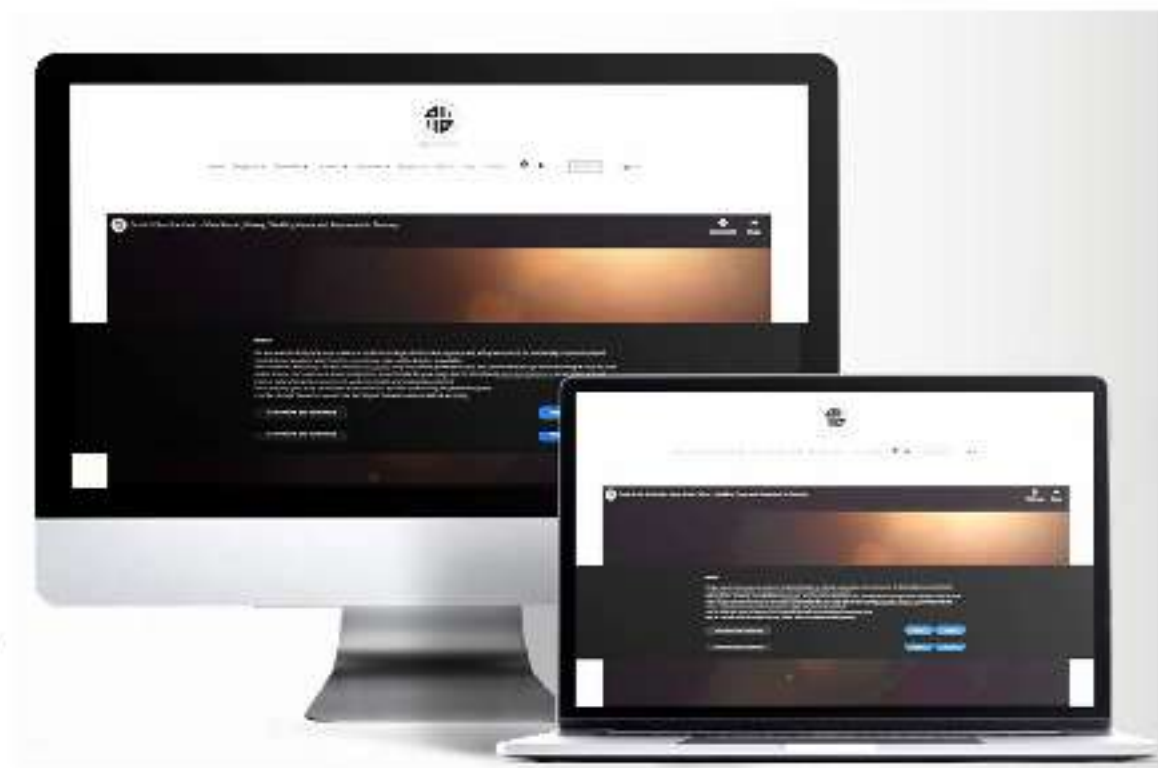

CORE TECH: WORDPRESS, PHP

WEBSITE
DEVELOPMENT

WINE RESORT AND RESTAURANT

PROVIDING SERVICES OF SMALL VINEYARD AND HOTEL GETAWAY IN COMFORT AND EXPERIENCE THE BEAUTY OF THE COUNTRYSIDE.

CORE TECH: PHP, MY SQL, JAVASCRIPT

WEBSITE
DEVELOPMENT

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MEDICAL EQUIPMENT PLATFORM

EQUIP CARE IS A LOCALLY BASED OWNED AND OPERATE PROVIDING MEDICAL EQUIPMENT INCLUDING HOSPITAL SHOWER CHAIRS, BED SIDE COMMODES, HAND HELD SHOWER HEADS, BED WEDGES, HOSPITAL BED SHEETS AND LIFTS TO YOUR HOMES.

CORE TECH: WORDPRESS, PHP

WEBSITE
DEVELOPMENT

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CYBER SECURITY
SERVICE PROVIDER

SEAMLESSLY MANAGE AND CONTROL YOUR INTERCONNECTED WORLD WITH OUR CENTRALIZED IOT CONTROL APP, PUTTING THE POWER OF ALL YOUR DEVICES AT YOUR FINGERTIPS

CORE TECH: WORDPRESS, PHP

WEBSITE

DEVELOPMENT

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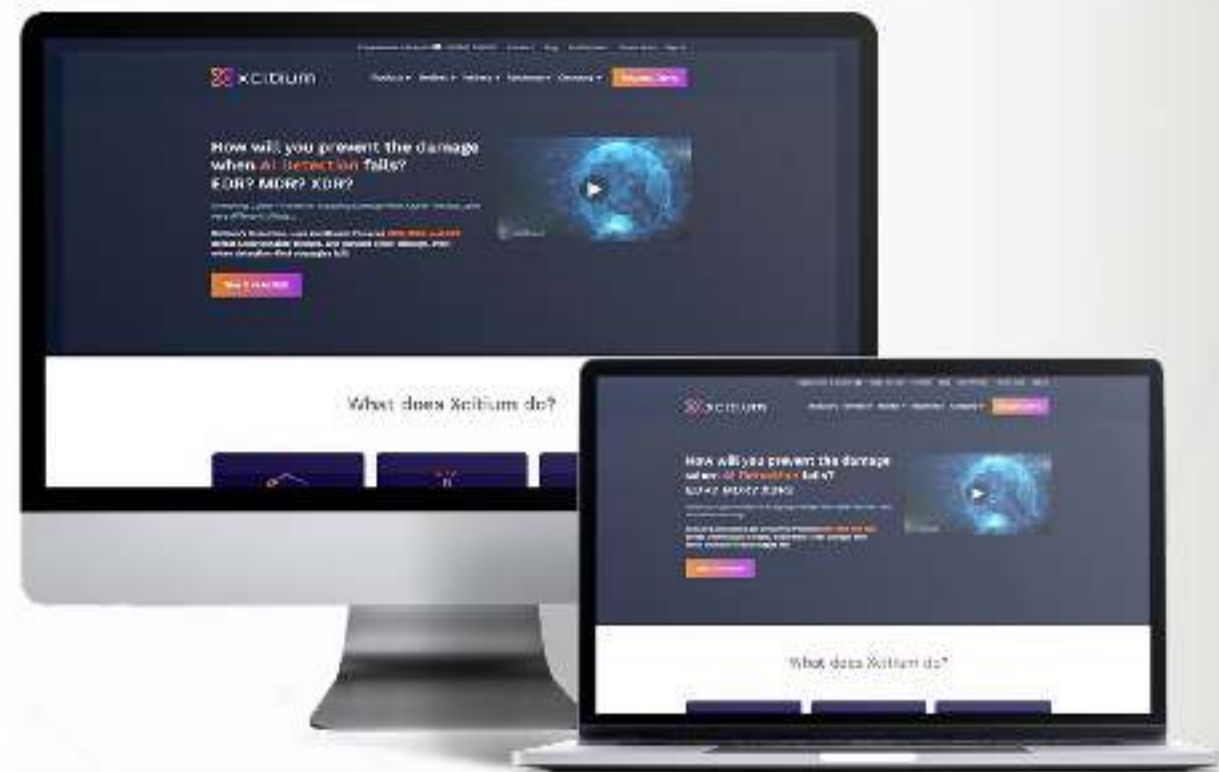
BUSINESS UTILITY SWITCHING SERVICE

A SERVICE THAT HELPS TO GET AFFORDABLE AND SUSTAINABLE ENERGY SOLUTIONS FOR HOME AND BUSINESS.

CORE TECH: .NET, MYSQL, JAVASCRIP

DIGITAL
MARKETING

ANALYTICS AND REPORTING

Analytics and Reporting services involve collecting, analyzing, and interpreting data to provide Insights and recommendations to improve business performance

DIGITAL

MARKETING

E-COMMERCE

E-commerce solution services provide businesses with Comprehensive solutions to design, develop, and Manage their Online stores.

ORDER

DIGITAL
MARKETING

CONTENT MARKETING

Content marketing is a strategic marketing approach focused on creating and distributing valuable, relevant, and consistent content to attract and retain a clearly defined audience.

DIGITAL

MARKETING

SEO

Search Engine Optimization (SEO) is the process of improving the visibility and ranking of a website in search engine results pages (SERPs) through various techniques and strategies.

DIGITAL
MARKETING

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PPC ADVERTISING

Pay-Per-Click (PPC) advertising is a digital marketing model where advertisers pay each time a user clicks on their online ad.

DIGITAL

MARKETING

SOCIAL MEDIA MARKETING

Social media marketing is the process of promoting a product, service, or brand on social media platforms like Facebook, Instagram, Twitter, LinkedIn, and YouTube.