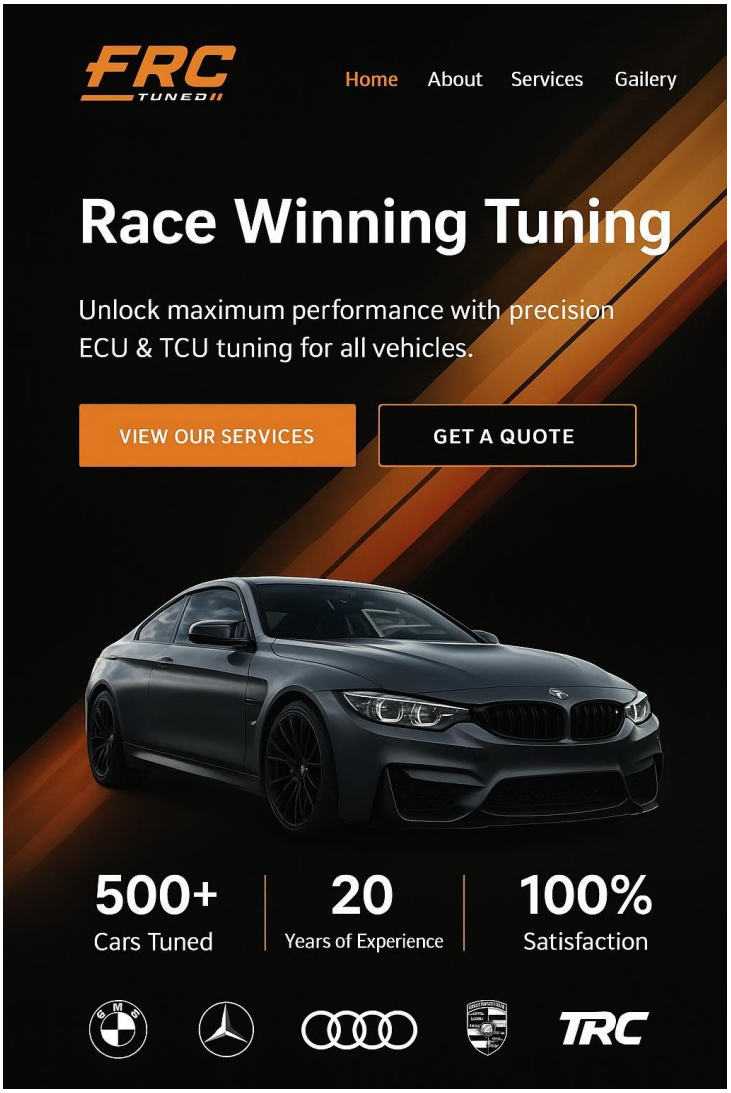
FRC Tuned – Performance Auto Tuning Website



Web Development (WEDE5020)

Part 2- Designing the visuals: CSS Styling and responsive design

ST10473316

README – Part 2

FRC Tuned Website Project Summary

The FRC Tuned Website is a multi-page site that adjusts to different devices, developed for FRC Tuned, a business in Durban, South Africa, specializing in performance tuning for vehicles. The platform highlights the company's offerings, includes a gallery, provides pricing information, and displays contact details, all while ensuring that visitors enjoy an easy-to-use experience. Crafted using HTML and CSS, the site features interactive components like a pricing calculator for services.

Pages Home (index. html) Main section displaying the company’s slogan Overview of FRC Tuned’s background and statistics Logos from well-known automotive brands Buttons prompting action for services and quotes

About (about. html) History and development of the company Summary of technology used, available services, and the team Dedication to superior quality and customer satisfaction

Services (services. html) Comprehensive details about services, which include: ECU Remapping Suspension Enhancements Exhaust Systems Body Kits Information regarding performance, efficiency, and installation processes

Gallery (gallery. html) An adaptable image gallery highlighting performance upgrades Hover effects to provide a contemporary, engaging experience

Contact (contact. html) Contact details such as email address and phone number Inquiry form containing fields for Name, Email, and Message Embedded Google Map indicating the location of FRC Tuned

Quote and Pricing (quote. html) A table showing standard rates for various services An interactive quote creator featuring checkboxes and quantity fields Total cost assessment implemented using JavaScript

Features Responsive Design: Pages adjust to various screen sizes, including mobile devices, tablets, and desktops. Navigation Menu: The header includes navigational links with highlighting for the active one. Interactive Quote Calculator: Enables users to choose services, enter quantities, and see the estimated total cost. Image Gallery: Grid format enhanced with hover effects to display vehicle modifications. Embedded Google Map: Shows the company’s physical location. Technologies Used

HTML5 – For structure and content organization CSS3 – For styling, responsive design, and hover effects JavaScript – For the functionality of the quote calculator

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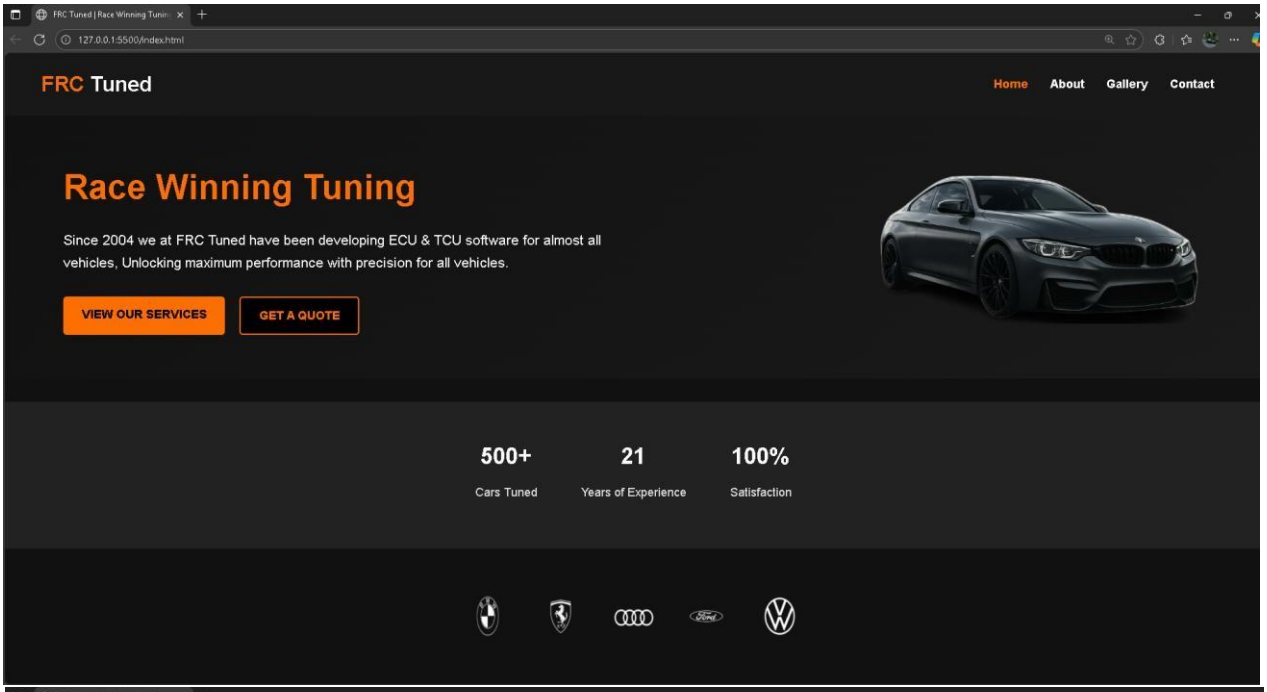
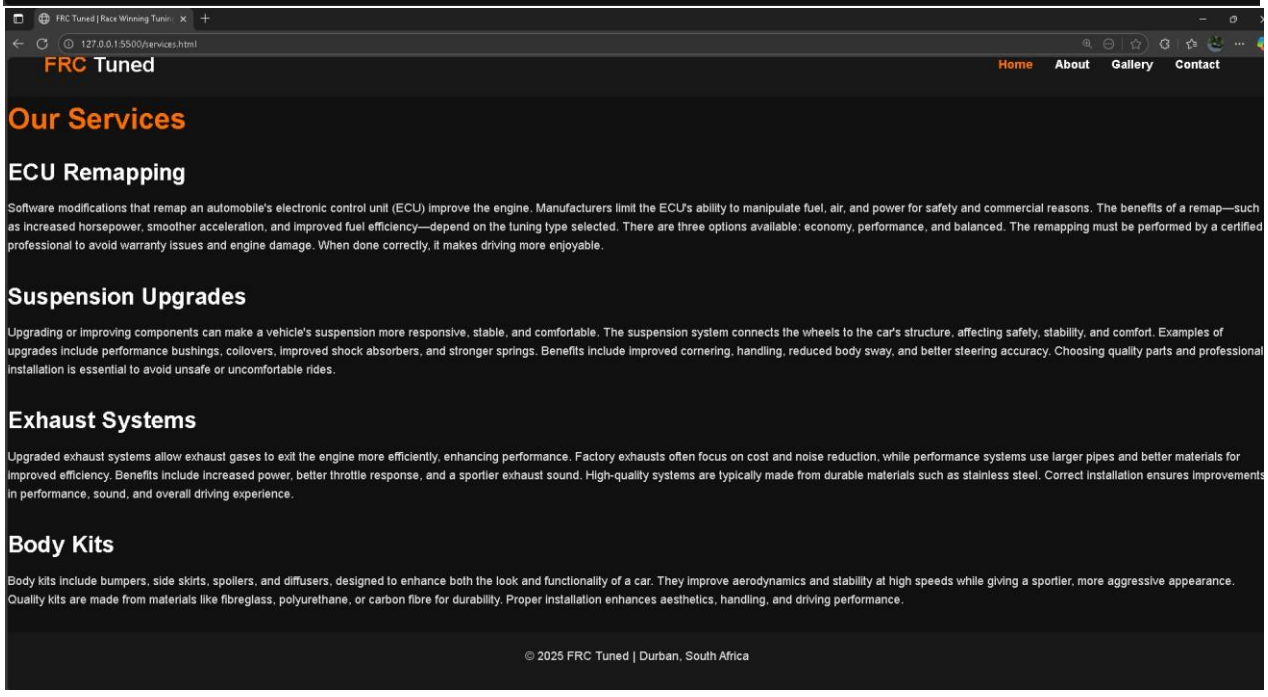

FRC Tuned | Race Winning Tuning
127.0.0.1:5500/index.html
FRC Tuned
Home
About
Gallery
Contact
Race Winning Tuning
Since 2004 we at FRC Tuned have been developing ECU & TCU software for almost all vehicles, Unlocking maximum performance with precision for all vehicles.
VIEW OUR SERVICES
GET A QUOTE
500+
Cars Tuned
21
Years of Experience
100%
Satisfaction


FRC Tuned | Race Winning Tuning
127.0.0.1:5500/services.html
FRC Tuned
Home
About
Gallery
Contact
Our Services
ECU Remapping
Software modifications that remap an automobile's electronic control unit (ECU) improve the engine. Manufacturers limit the ECU's ability to manipulate fuel, air, and power for safety and commercial reasons. The benefits of a remap—such as increased horsepower, smoother acceleration, and improved fuel efficiency—depend on the tuning type selected. There are three options available: economy, performance, and balanced. The remapping must be performed by a certified professional to avoid warranty issues and engine damage. When done correctly, it makes driving more enjoyable.
Suspension Upgrades
Upgrading or improving components can make a vehicle's suspension more responsive, stable, and comfortable. The suspension system connects the wheels to the car's structure, affecting safety, stability, and comfort. Examples of upgrades include performance bushings, coilovers, improved shock absorbers, and stronger springs. Benefits include improved cornering, handling, reduced body sway, and better steering accuracy. Choosing quality parts and professional installation is essential to avoid unsafe or uncomfortable rides.
Exhaust Systems
Upgraded exhaust systems allow exhaust gases to exit the engine more efficiently, enhancing performance. Factory exhausts often focus on cost and noise reduction, while performance systems use larger pipes and better materials for improved efficiency. Benefits include increased power, better throttle response, and a sportier exhaust sound. High-quality systems are typically made from durable materials such as stainless steel. Correct installation ensures improvements in performance, sound, and overall driving experience.
Body Kits
Body kits include bumpers, side skirts, spoilers, and diffusers, designed to enhance both the look and functionality of a car. They improve aerodynamics and stability at high speeds while giving a sportier, more aggressive appearance. Quality kits are made from materials like fibreglass, polyurethane, or carbon fibre for durability. Proper installation enhances aesthetics, handling, and driving performance.
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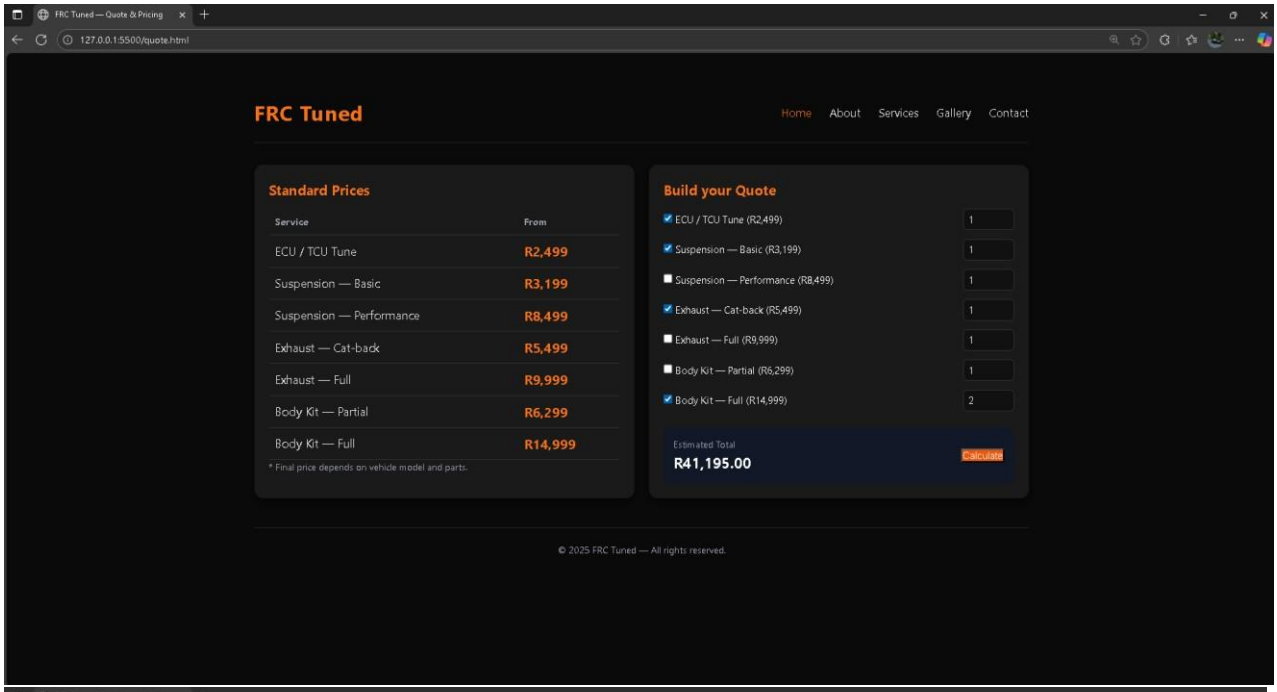
FRC Tuned — Quote & Pricing
127.0.0.1:5500/quote.html
FRC Tuned
Home
About
Services
Gallery
Contact
Standard Prices
Service
From
ECU / TCU Tune
R2,499
Suspension — Basic
R3,199
Suspension — Performance
R8,499
Exhaust — Cat-back
R5,499
Exhaust — Full
R9,999
Body Kit — Partial
R6,299
Body Kit — Full
R14,999
* Final price depends on vehicle model and parts.
Build your Quote
ECU / TCU Tune (R2,499)
Suspension — Basic (R3,199)
Suspension — Performance (R8,499)
Exhaust — Cat-back (R5,499)
Exhaust — Full (R9,999)
Body Kit — Partial (R6,299)
Body Kit — Full (R14,999)
Estimated Total
R41,195.00
Calculate
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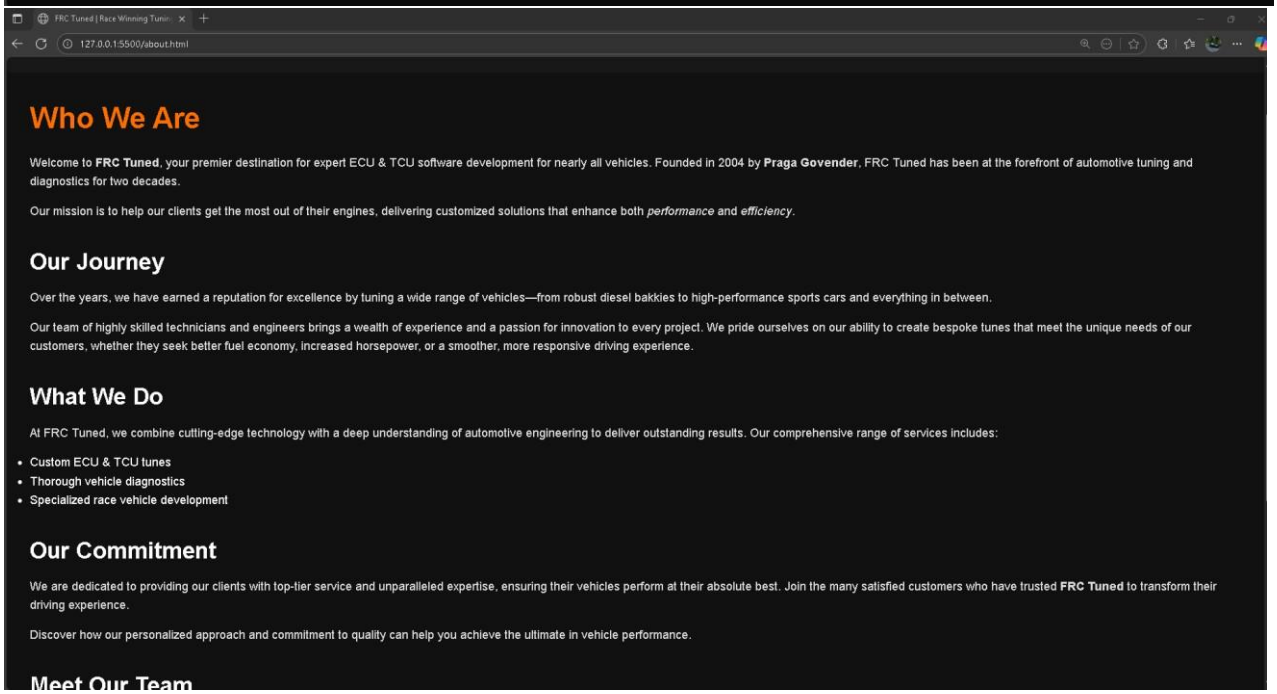
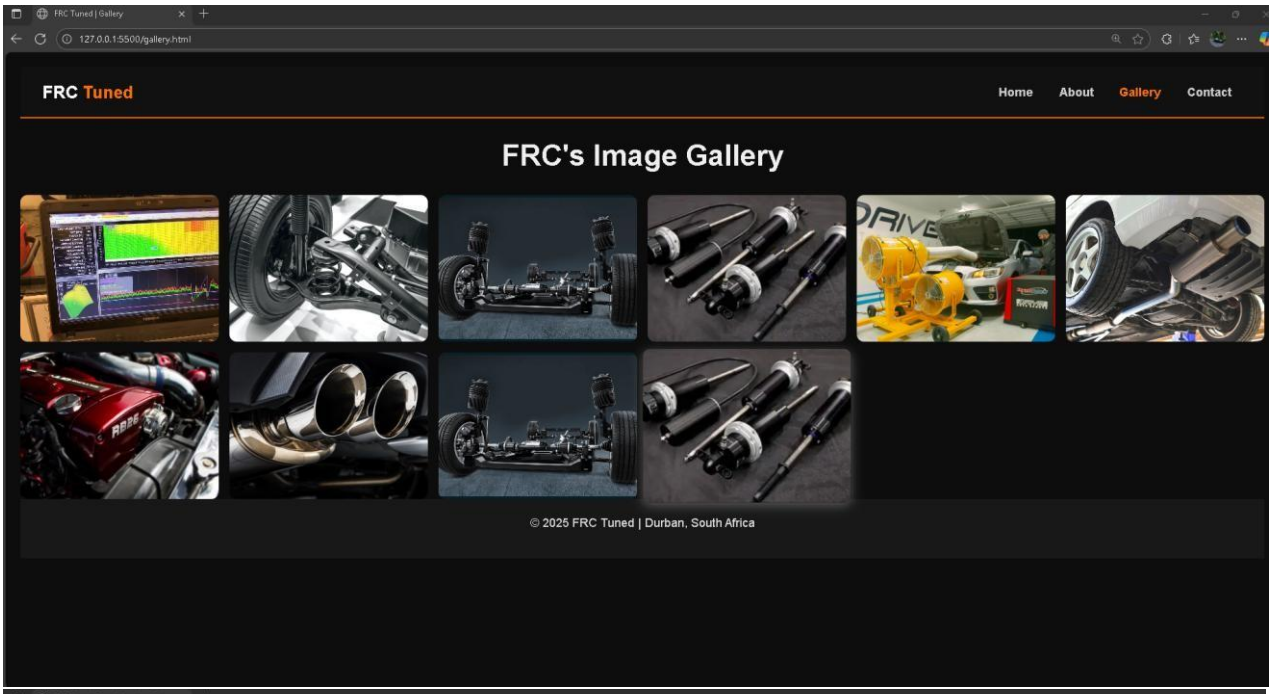
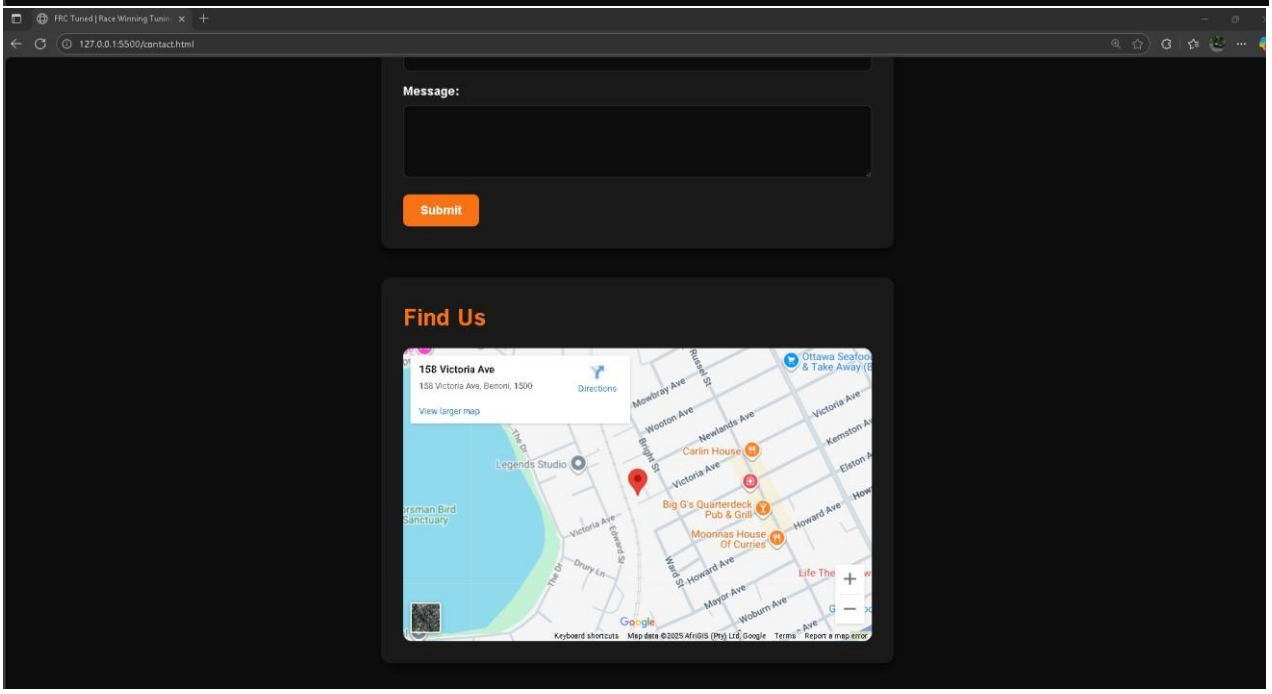
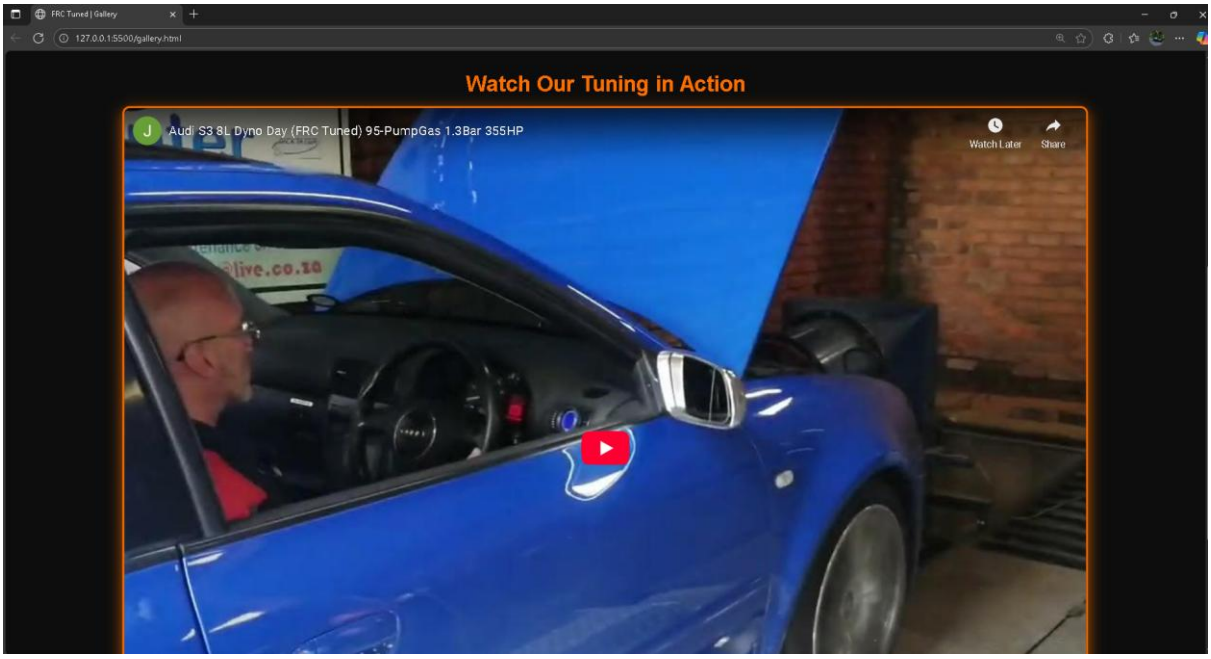
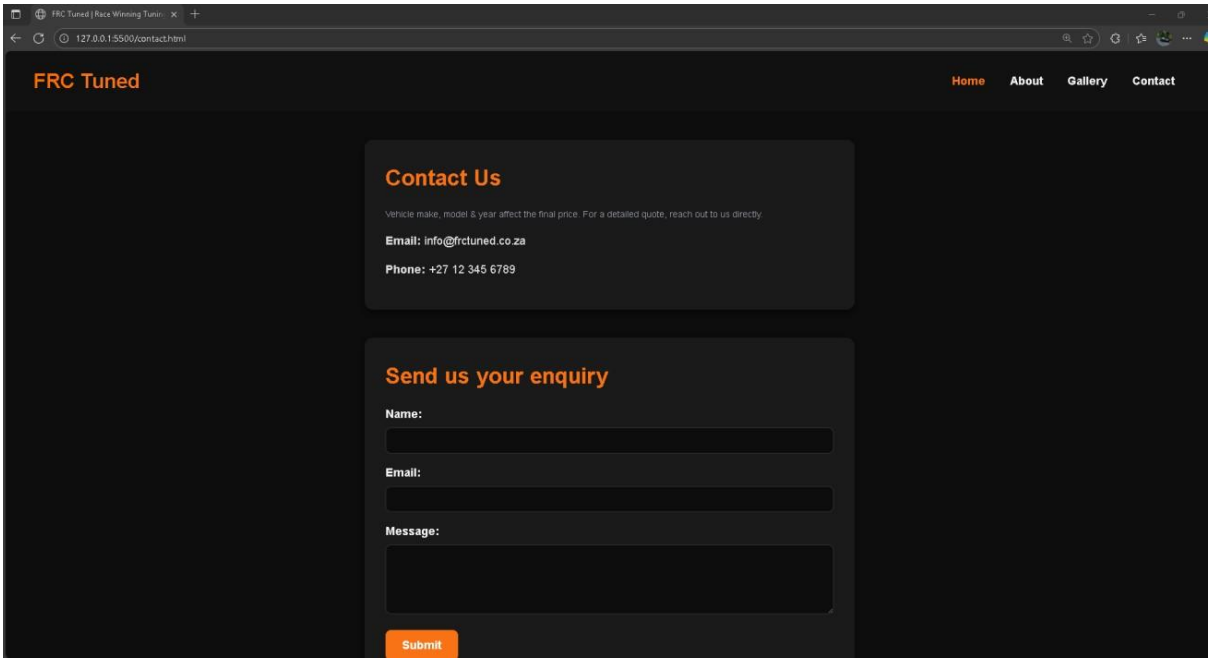

FRC Tuned | Race Winning Tunin
127.0.0.1:5500/about.html
Who We Are
Welcome to FRC Tuned, your premier destination for expert ECU & TCU software development for nearly all vehicles. Founded in 2004 by Praga Govender, FRC Tuned has been at the forefront of automotive tuning and diagnostics for two decades.
Our mission is to help our clients get the most out of their engines, delivering customized solutions that enhance both performance and efficiency.
Our Journey
Over the years, we have earned a reputation for excellence by tuning a wide range of vehicles—from robust diesel bakkies to high-performance sports cars and everything in between.
Our team of highly skilled technicians and engineers brings a wealth of experience and a passion for innovation to every project. We pride ourselves on our ability to create bespoke tunes that meet the unique needs of our customers, whether they seek better fuel economy, increased horsepower, or a smoother, more responsive driving experience.
What We Do
At FRC Tuned, we combine cutting-edge technology with a deep understanding of automotive engineering to deliver outstanding results. Our comprehensive range of services includes:
Custom ECU & TCU tunes
Thorough vehicle diagnostics
Specialized race vehicle development
Our Commitment
We are dedicated to providing our clients with top-tier service and unparalleled expertise, ensuring their vehicles perform at their absolute best. Join the many satisfied customers who have trusted FRC Tuned to transform their driving experience.
Discover how our personalized approach and commitment to quality can help you achieve the ultimate in vehicle performance.
Meet Our Team


FRC Tuned | Gallery
127.0.0.1:5500/gallery.html
FRC Tuned
Home
About
Gallery
Contact
FRC's Image Gallery
© 2025 FRC Tuned | Durban, South Africa


FRC Tuned | Race Winning Tunes
127.0.0.1:5500/contact.html
Message:
Submit
Find Us
158 Victoria Ave
158 Victoria Ave, Benoni, 1500
Directions
View larger map
Legends Studio
Carlin House
Big G's Quarterdeck Pub & Grill
Moonnas House Of Curries
Google


FRC Tuned | Gallery
127.0.0.1:5500/gallery.html
Watch Our Tuning in Action
Audi S3 8L Dyno Day (FRC Tuned) 95-PumpGas 1.3Bar 355HP
Watch Later
Share


FRC Tuned | Race Winning Tunin
127.0.0.1:5500/contact.html
FRC Tuned
Home
About
Gallery
Contact
Contact Us
Vehicle make, model & year affect the final price. For a detailed quote, reach out to us directly.
Email: info@frctuned.co.za
Phone: +27 12 345 6789
Send us your enquiry
Name:
Email:
Message:
Submit

Website Goals and Objectives

1. Increase online visibility beyond social media.
2. Present FRC Tuned as a trusted expert in performance tuning.
3. Provide clear service information and transparent pricing.
4. Enable customers to request quotes and consultations online.
5. Enhance user engagement with interactive features like the quote calculator.

Pages

Home: Slogan, company intro, brand logos, service/quote buttons.
About: History, services, staff, customer commitment.
Services: ECU Remapping, Suspension, Exhaust, Body Kits.
Gallery: Responsive grid gallery with hover effects.
Contact: Inquiry form, contact info, Google Map.
Quote: Pricing table and interactive calculator.

Key Features and Functionality

- Responsive design
- Navigation menu with active highlights
- Interactive Quote Calculator
- Gallery with hover effects- Google Maps integration

File Structure

```
FRC-Tuned-Website/
├── index.html
├── about.html
├── services.html
├── gallery.html
├── contact.html
├── quote.html
├── style.css
└── pictures/
```

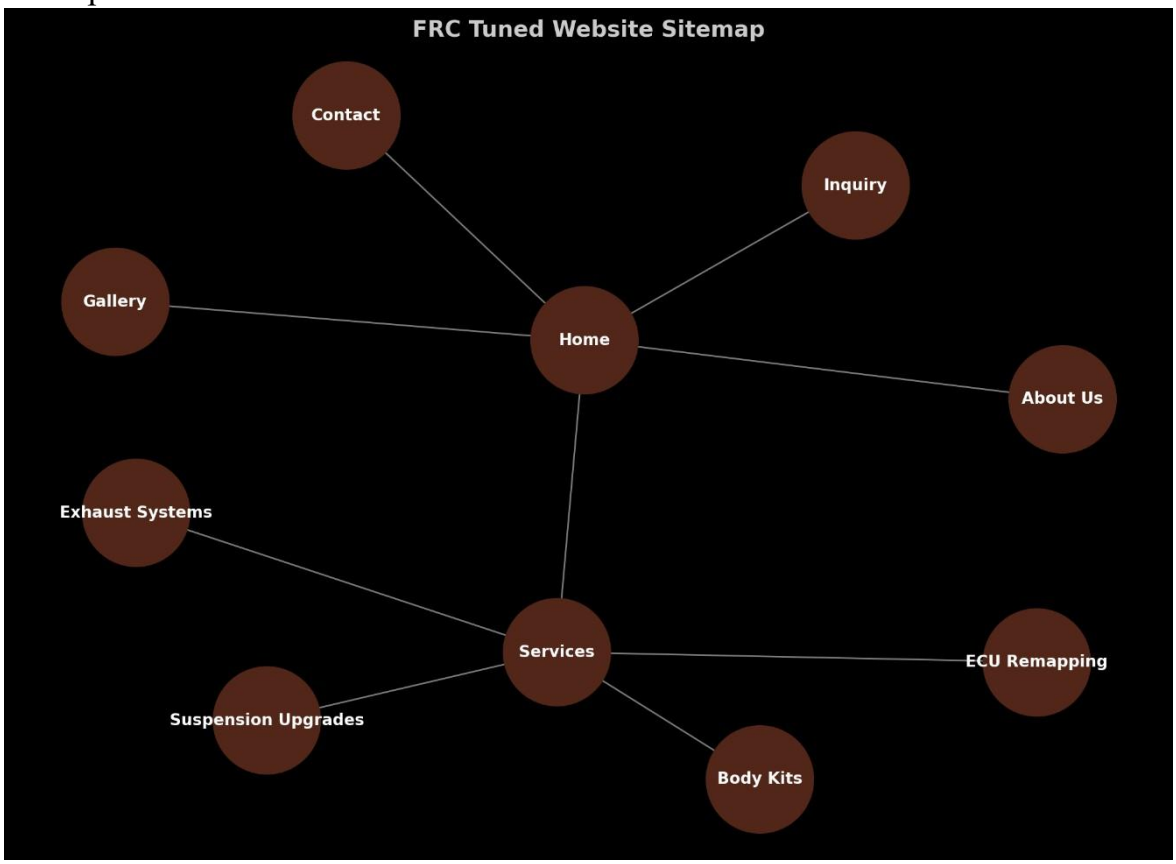
Instructions to Run Locally

1. Download the repository.
2. Open HTML files in a browser.
3. Ensure 'pictures/' and 'style.css' are in the same directory.
4. Enable JavaScript for the calculator.

Notes

Make sure that JavaScript is activated in your browser for the quote calculator to function correctly. All pricing examples are indicative and may change based on the vehicle model or parts. Images in the gallery and other areas should be stored in the pictures directory.

Sitemap



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