

CAR(E)

CAR(E) – Project Report

Project Overview

Mission

CAR(E) is a modern car-care web app where users can locate and bookmark repair shops, explore car tutorials, and book maintenance appointments.

Key Features

- User authentication & persistent sessions
- Save & filter favourite tutorials and shop locations
- Book and manage service appointments
- Forced dark theme, fully responsive UI

Frontend	Backend	CMS	Hosting
Next.js (App Router)	Supabase (auth+database)	Contentful	Vercel
TypeScript & Tailwind	Postgres DB	Rich content types	Continuous deploy

Architecture

How the system is structured

- **Frontend** → Next.js App Router with server & client components
- **Backend** → Supabase for authentication, database, and realtime updates
- **CMS** → Contentful for car service content and dynamic guides
- **Hosting** → Vercel with environment variables for secure keys

Database Design (Supabase)

Table	Key Columns	Purpose
<code>shops</code>	<code>id, name, city, address</code>	Store shop details
<code>tutorials</code>	<code>id, title, description, youtube_url</code>	Store tutorial info
<code>favorite_locations</code>	<code>user_id, shop_id</code>	Track each user's favourite shops
<code>favorite_tutorials</code>	<code>user_id, tutorial_id</code>	Track favourite tutorials
<code>bookings</code>	<code>user_id, headline, details, name, email, phone</code>	Store user bookings

Schema Visualizer (from Supabase)



Relationships

- `favorite_locations.shop_id` → `shops.id`
- `favorite_tutorials.tutorial_id` → `tutorials.id`

Authentication

- Using Supabase Authentication
- First sign in:

- Confirmation via email
- Email sent from Supabase built-in service

User table:

- UID is generated by Supabase
- No phone implementation → Empty column
- No outer providers (Google, Apple, GitHub, etc.) → Empty column
- Keeping track of account creation time and last sign in time

Users							
	UID	Email	Phone	Providers	Provider type	Created at	Last sign in at
<input type="checkbox"/>	e4f076de-8467-442a-a2a0-fc4382ab05d6	tina.viduka11@gmail.com	-	Email	-	Sat 13 Sep 2025 15:11:23 GMT+0200	Sat 13 Sep 2025 15:12:02 GMT+0200
<input type="checkbox"/>	f30dcbbc-d06c-4945-957f-e45dfc85e15	aynrebwndrgfflxipj@enotj.com	-	Email	-	Sat 13 Sep 2025 06:38:02 GMT+0200	Sat 13 Sep 2025 06:38:42 GMT+0200
<input type="checkbox"/>	bdbc6813-d4c8-4d89-887f-3ca284dc77e0	dbiukr00@feeb.hr	-	Email	-	Fri 12 Sep 2025 04:23:00 GMT+0200	Sat 13 Sep 2025 06:35:44 GMT+0200
<input type="checkbox"/>	b7e85b28-6979-4c2e-953a-bdf1867a2b54	dino.biuk@gmail.com	-	Email	-	Fri 12 Sep 2025 04:02:11 GMT+0200	Sat 13 Sep 2025 06:31:56 GMT+0200

Content Management (Contentful)

| Content type: serviceItem

Organized into 4 categories:

- Maintenance
- Efficiency & Performance
- Safety & Reliability
- Customization

Each entry contains:

- Image (image)
- Title (short text)
- Detailed description (longer text)
- Estimated service time in minutes (integer)
- Cost in Euros (decimal number)

Content type: Team Member

Each entry contains:

- Name (short text)
- Role (short text)
- Avatar (image)
- Bio (longer text)

Content type: Stat

Each entry contains:

- Label (short text)
- Value (integer)
- Suffix (short text)

Content type: HeroSection

Only one entry and contains 4 images that show up in hero section of homepage

Core Features

Authentication

- Email & password sign-up, sign-in, sign-out
 - Email confirmation needed for first time sign in
 - Likes and available when user signs in
- Secure sessions with Supabase and Next.js
- Redirects to homepage after sign-out for smoother UX

Favourites

- Like/unlike tutorials and shop locations
 - Saved in Profile/Sign In page in panels Favourite Shop/Favourite Location

- “Only favourites” filter on listings
 - Simple tick that reacts instantly
- Optimistic UI updates for instant feedback
 - Like is shown before server gets the information

Bookings

- Interactive booking form with email notification
 - Booking button only shown and available if user is logged in
- Saved bookings show in the profile
 - Shown in shorter form but with ability to extend
-  Delete bookings with a trash-bin icon

Responsive UI & Dark Theme

- Forced dark theme avoids hydration mismatch
- Mobile-first design using Tailwind grid & flex
 - One column for most of the content on mobile screen
 - Hamburger Bar
- Accessible colors and large tap targets

Development Process

Timeline & key decisions

- **Setup:** Next.js + Supabase + Contentful + Tailwind
- **The beginning:**
 - HeroSection in Figma - starting point, experimentation with layout, visual hierarchy and typography

We care about your car!

Our car service is dedicated to ensuring your vehicle's peak performance and your complete satisfaction. With a team of highly skilled technicians and state-of-the-art equipment, we offer a comprehensive range of services to keep your vehicle running smoothly. From routine maintenance like oil changes and tire rotations to complex engine diagnostics and repairs, we handle it all. We take pride in our commitment to quality and safety, using only genuine parts and adhering to industry-best practices. Whether you're in need of a quick tune-up or a major overhaul, you can trust us to provide efficient, reliable, and cost-effective solutions for your car. At our car service, your vehicle is in capable hands, and your peace of mind is our top priority.

BOOK AN APPOINTMENT NOW

Find us on:

- Color palette - future guide for visual decisions
 - Orange

Orange



O50
#fff2e6
rgb(255, 242, 230)



O75
#ffca96
rgb(255, 202, 150)



O100
#ffb46b
rgb(255, 180, 107)



O200
#ff932b
rgb(255, 147, 43)



O300
#ff7d00
rgb(255, 125, 0)



O400
#b35800
rgb(179, 88, 0)



O500
#9c4c00
rgb(156, 76, 0)

■ Blue

Blue



B50
#e8e9eb
rgb(232, 233, 235)



B75
#a0a5af
rgb(160, 165, 175)



B100
#787f8d
rgb(120, 127, 141)



B200
#3e485c
rgb(62, 72, 92)



B300
#17233b
rgb(23, 35, 59)



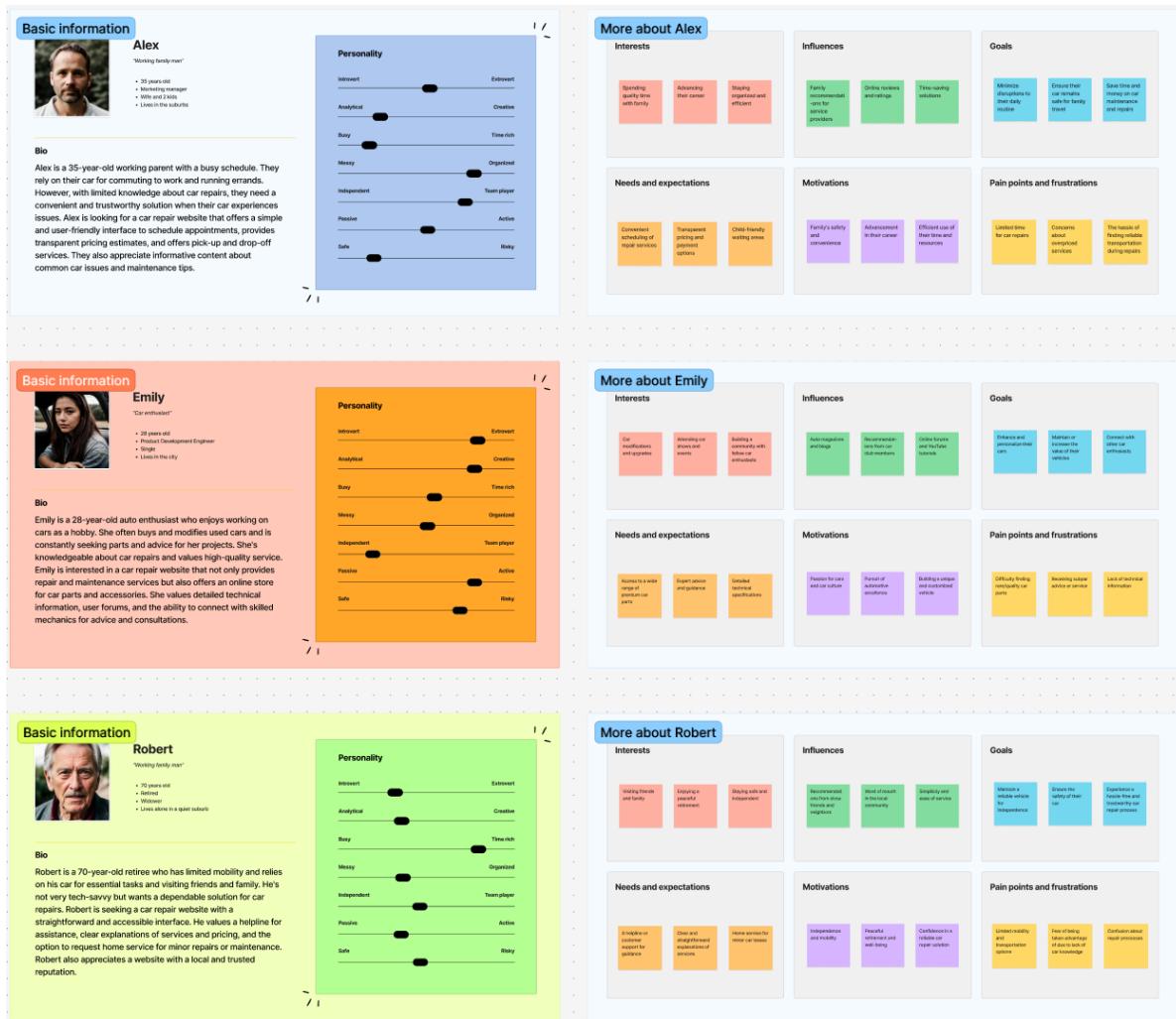
B400
#101929
rgb(16, 25, 41)



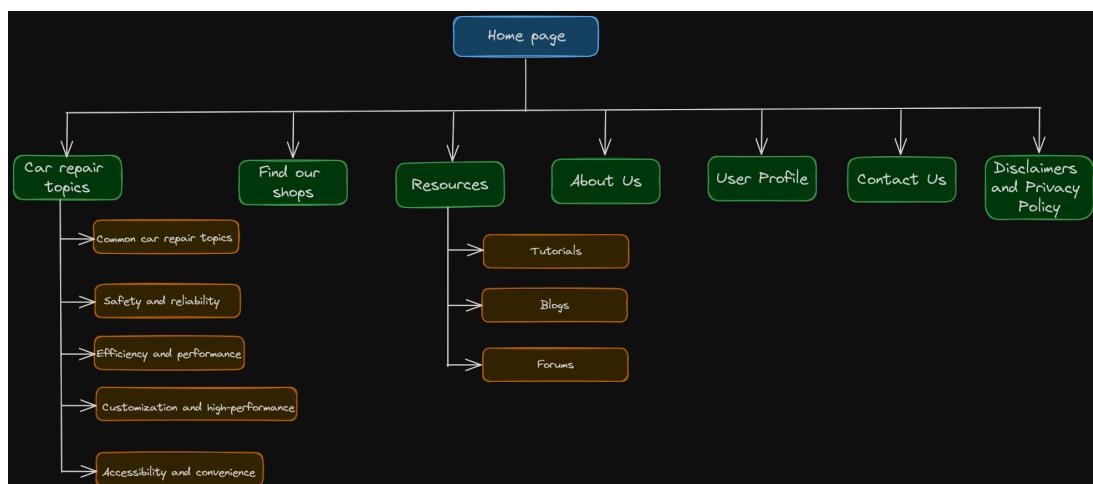
B500
#0e1524
rgb(14, 21, 36)

- **User personas and information structure:**

- Personas - aligning features with real needs of real customers, made with the help of ChatGPT

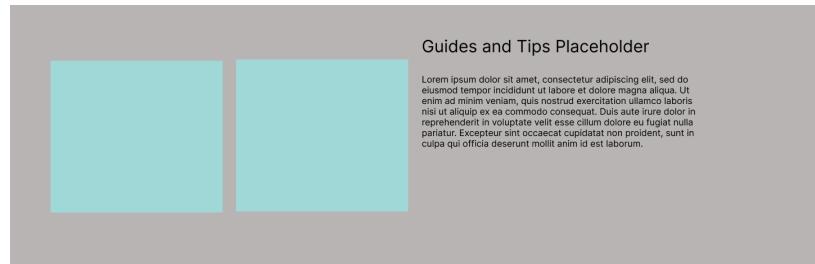
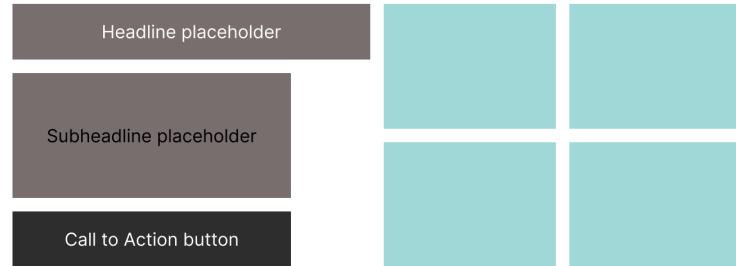


- Information structure - organizing all planned content (using Excalidraw)

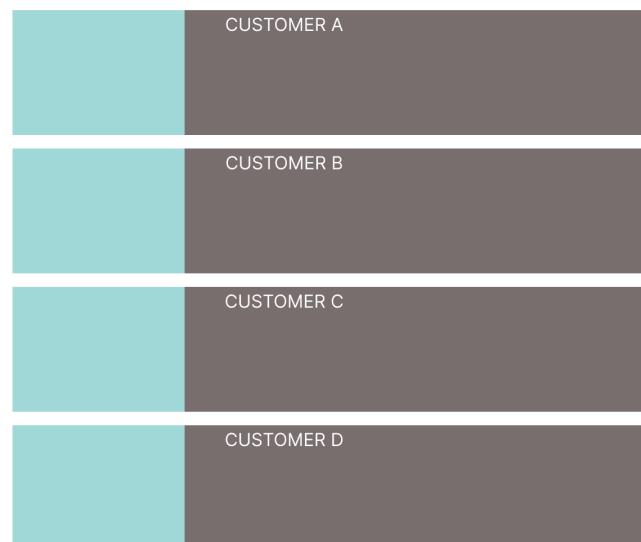


- Prototypes:

- Low fidelity - simple wireframes focused on functionality and user flows



Customer reviews and testimonials



- High fidelity - detailed prototype used as the blueprint for future development
 - Desktop

We care about your car!

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[BOOK AN APPOINTMENT NOW](#)

Car Maintenance Guides and Tips

Discover essential car care tips and expert guides for maintaining your vehicle. From quick fixes to in-depth advice, explore our comprehensive resources to keep your car running smoothly and reliably. Empower yourself with the knowledge you need for optimal vehicle performance.

[EXPLORE GUIDES AND TIPS](#)

Check out what our customers are saying

Read some of our reviews and testimonials too see if we are the right fit for you!

Sophia Reynolds - Denver, Colorado

"I've been a customer for two years now, and I can't recommend this service enough! They're prompt, thorough, and always transparent with their pricing. My car runs like a dream after each visit. I trust them completely for all my car maintenance needs."

Daniel Nguyen - Seattle, Washington

"Great experience every time I visit! The staff is friendly and knowledgeable. I appreciate their attention to detail and the way they explain everything before proceeding with any repairs. Highly recommended!"

Lisa Johnson - Atlanta, Georgia

"As a single parent, finding reliable car service is crucial. This team has never let me down! They're honest, efficient, and have gone above and beyond in fixing my car. The peace of mind they provide is invaluable."

Carlos Hernandez - Miami, Florida

"Outstanding service! From routine maintenance to unexpected repairs, they handle everything with professionalism and expertise. The convenience and quality of their work keep me coming back. I highly trust their recommendations and skill."

[VIEW MORE](#)

Find us on:

CAR(E)

- Mobile



We care about your car!

At our car service, your vehicle is in capable hands, and your peace of mind is our top priority. At our car service, your vehicle is in capable hands, and your peace of mind is our top priority.



[BOOK AN APPOINTMENT NOW](#)



[EXPLORE GUIDES AND TIPS](#)

Find us on:



- **Version Control:** GitHub repo + Vercel CI/CD

Page Screenshots

Showing screenshots of mobile and desktop version:

▼ Home Page

- Desktop



- [HOME](#)
- [OUR SERVICES](#)
- [TUTORIALS](#)
- [FIND US](#)
- [ABOUT US](#)
- [SIGN IN](#)

We care about your car!

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[BOOK A MEETING NOW >](#)





You can do it yourself!

Discover essential car care tips and expert guides for maintaining your vehicle. From quick fixes to in-depth advice, explore our comprehensive resources to keep your car running smoothly and reliably. Empower yourself with the knowledge you need for optimal vehicle performance.

[Explore our tutorials >](#)

Our Services

From routine maintenance like oil changes and tire rotations to advanced diagnostics and repairs, we offer a complete range of automotive services. Our expert team ensures your car is safe, reliable, and performing at its best.

[Explore our services >](#)



What Our Customers Say

We're grateful for your trust and proud to help keep your cars running smoothly.

Sophia Reynolds
Denver, Colorado

"I've been a customer for two years now, and I can't recommend this service enough! They're prompt, thorough, and always transparent with their pricing. My car runs like a dream after each visit. I trust them completely for all my car maintenance needs."

★★★★★

Daniel Nguyen
Seattle, Washington

"Great experience every time I visit! The staff is friendly and knowledgeable. I appreciate their attention to detail and the way they explain everything before proceeding with any repairs. Highly recommended!"

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Lisa Johnson
Atlanta, Georgia

"As a single parent, finding reliable car service is crucial. This team has never let me down. They're honest, efficient, and have gone above and beyond in fixing my car. The peace of mind they provide is invaluable."

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Carlos Hernandez
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"Outstanding service! From routine maintenance to unexpected repairs, they handle everything with professionalism and expertise. The convenience and quality of their work keep me coming back. I highly trust their recommendations and skill."

★★★★★

Find us on:  



- Mobile

▼ Our Services Overview

- Desktop

The screenshot shows the 'Services We Offer' section of the CAR(E) website. At the top, there's a navigation bar with links for HOME, OUR SERVICES, TUTORIALS, FIND US, ABOUT US, and SIGN IN. Below the navigation, the title 'Services We Offer' is displayed, followed by a brief description encouraging users to explore various professional services. The page is divided into four main service categories, each with an image, a title, a brief description, and a call-to-action button:

- Maintenance**: An image of a mechanic working under a car hood. Description: Keep your car healthy with routine service and preventative care. Services: Oil & filter changes, Tire rotation & alignment, Battery & fluids check, Scheduled inspections. Call-to-action: Explore Maintenance >
- Efficiency & Performance**: An image of a tachometer with a needle pointing towards 100%. Description: Improve fuel economy and throttle response with targeted upgrades. Services: Air intake & filters, ECU diagnostics, Exhaust & emissions, Spark plugs & ignition. Call-to-action: Explore Efficiency & Performance >
- Safety & Reliability**: An image of a red car surrounded by icons related to safety: a fire extinguisher, a triangle, a first aid kit, a wrench, a gear, and a checkmark. Description: Fix critical systems to stay safe and avoid unexpected breakdowns. Services: Brake pads & rotors, Steering & suspension, Cooling system service, Check-engine diagnostics. Call-to-action: Explore Safety & Reliability >
- Customization**: An image of a futuristic, brightly lit sports car. Description: Personalize your car's look and feel with tasteful modifications. Services: Wheels & tires, Lighting upgrades, Interior refinements, Exterior styling. Call-to-action: Explore Customization >

At the bottom of the page, there's a footer with social media links for Facebook and Instagram, and the CAR(E) logo.

- Mobile

CAR(E)

Services We Offer

Choose a category to explore the range of professional services we provide. From essential maintenance to keep your car reliable, to performance upgrades that boost efficiency, to safety-focused inspections and repairs, and even customization to match your personal style – our services cover every aspect of caring for your vehicle.



Maintenance

Keep your car healthy with routine service and preventative care.

- Oil & filter changes
- Tire rotation & alignment
- Battery & fluids check
- Scheduled inspections

[Explore Maintenance >](#)



Efficiency & Performance

Improve fuel economy and throttle response with targeted upgrades.

- Air intake & filters
- ECU diagnostics
- Exhaust & emissions
- Spark plugs & ignition

[Explore Efficiency & Performance >](#)



Safety & Reliability

Fix critical systems to stay safe and avoid unexpected breakdowns.

- Brake pads & rotors
- Steering & suspension
- Cooling system service
- Check-engine diagnostics

[Explore Safety & Reliability >](#)



Customization

Personalize your car's look and feel with tasteful modifications.

- Wheels & tires
- Lighting upgrades
- Interior refinements
- Exterior styling

[Explore Customization >](#)

Find us on:    CAR(E)

▼ Service Detail Pages (Maintenance, Performance, Safety, Customization)

- Maintenance
 - Desktop

The screenshot displays the 'Maintenance Services' section of the CAR(E) website. At the top, there's a navigation bar with links for HOME, OUR SERVICES, TUTORIALS, FIND US, ABOUT US, and PROFILE. The main content area is titled 'Maintenance Services' and includes a sub-instruction: 'Routine maintenance to protect components, avoid breakdowns, and extend your vehicle's lifespan.' Below this, five service cards are listed:

- Battery Test & Replacement**
Load test, terminal cleaning, charging system check, optional replacement with warranty.
⌚ 30m 💸 129,99 €

- Brake Inspection & Pad Replacement**
Measure rotor thickness, inspect calipers and lines, replace worn pads, bed-in new pads.
⌚ 1h 30m 💸 149,99 €

- Engine Oil & Filter Change**
Regular oil and filter replacement to protect engine components and maintain peak performance.
⌚ 1h 30m 💸 149,99 €

- Fluids Top-Up & Inspection**
Check and top up coolant, brake fluid, power steering, windshield, and transmission fluid where applicable.
⌚ 35m 💸 39,99 €

- Tire Rotation & Balance**
Rotate tires for even wear, rebalance wheels to reduce vibration and improve ride.
⌚ 40m 💸 49,99 €


At the bottom of the page, there's a 'Back to Services >' button and social media links for Facebook and Instagram. The footer features the CAR(E) logo.

- Mobile

The image shows the CAR(E) mobile application interface. At the top, there is a navigation bar with the CAR(E) logo and a menu icon. Below this, a section titled "Maintenance Services" is displayed, with a sub-section header "Routine maintenance to protect components, avoid breakdowns, and extend your vehicle's lifespan." Five service cards are listed vertically:

- Battery Test & Replacement**: Includes a thumbnail of a person working on a car battery, a brief description, and service details: "Load test, terminal cleaning, charging system check, optional replacement with warranty.", duration "Ø 30m", and cost "129,99 €".
- Brake Inspection & Pad Replacement**: Includes a thumbnail of a person working on a car's brake system, a brief description, and service details: "Measure rotor thickness, inspect calipers and lines, replace worn parts, bed-in new pads.", duration "Ø 1h 30m", and cost "149,99 €".
- Engine Oil & Filter Change**: Includes a thumbnail of oil being poured into a car engine, a brief description, and service details: "Regular oil and filter replacement to protect engine components and maintain peak performance.", duration "Ø 1h 30m", and cost "149,99 €".
- Fluids Top-up & Inspection**: Includes a thumbnail of a person checking fluid levels in a car, a brief description, and service details: "Check and top up coolant, brake fluid, power steering, windshield, and transmission fluid where applicable.", duration "Ø 35m", and cost "39,99 €".
- Tire Rotation & Balance**: Includes a thumbnail of a person working on a car's tires, a brief description, and service details: "Rotate tires for even wear, rebalance wheels to reduce vibration and improve ride.", duration "Ø 40m", and cost "49,99 €".

At the bottom of the screen, there is a "Book to Services" button, social media links for Facebook and Instagram, and the CAR(E) logo.

- Efficiency & Performance
 - Desktop

 CAR(E)

HOME OUR SERVICES TUTORIALS FIND US ABOUT US PROFILE

Efficiency & Performance

Targeted services to enhance throttle response, fuel economy, and overall drivability.

 **Air Intake & Filter Upgrade**

Replace clogged filters or install high-flow intake to improve throttle response and economy.

⌚ 50m  99,99 €

 **ECU Scan & Performance Diagnostics**

Scan fault codes, evaluate sensor data, recommend performance-friendly fixes.

⌚ 1h  89,99 €

 **Exhaust Inspection & Flow Check**

Inspect exhaust leaks, backpressure, and catalysts for performance and emissions compliance.

⌚ 55m  109,99 €

 **Spark Plugs & Ignition Service**

Replace plugs and inspect coils/leads to ensure strong, consistent ignition.

⌚ 1h 15m  89,99 €

 **Throttle Body & MAF Cleaning**

Clean throttle body and MAF to stabilize idle and improve part-throttle response.

⌚ 45m  79,99 €

[Back to Services >](#)

Find us on:  

 CAR(E)

- Mobile

CAR(E)

23

CAR(E)

Efficiency & Performance

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Clean throttle body and MAF to stabilize idle and improve part-throttle response.

⌚ 45m ⚡ 79,99 €

[Back to Services >](#)

Find us on:

- Safety & Reliability
 - Desktop

 CAR(E)

HOME OUR SERVICES TUTORIALS FIND US ABOUT US PROFILE

Safety & Reliability

Critical system checks and repairs to ensure safe operation and dependable travel.

 **Brake Fluid Flush**
Replace hygroscopic brake fluid to restore pedal feel and reduce corrosion risk.

⌚ 1h ⚡ 119,99 €

 **Charging & Starting System Test**
Alternator output, parasitic draw test, starter health, and grounding inspection.

⌚ 50m ⚡ 99,99 €

 **Comprehensive Safety Inspection**
Lights, wipers, tires, brakes, seatbelts, airbags indicators, underbody visual — full report.

⌚ 1h 10m ⚡ 99,99 €

 **Cooling System Service**
Pressure test, inspect hoses, flush coolant, and verify thermostat operation.

⌚ 1h 30m ⚡ 139,99 €

 **Steering & Suspension Check**
Inspect tie rods, ball joints, bushings, shocks/struts; report play and leaks.

⌚ 1h ⚡ 89,99 €

[Back to Services >](#)

Find us on:  

 CAR(E)

- Mobile

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⌚ 1h 💸 89,99 €

[Back to Services >](#)

Find us on:

- Customization
 - Desktop

 CAR(E)

HOME OUR SERVICES TUTORIALS FIND US ABOUT US PROFILE

Customization

Visual and comfort upgrades tailored to your style—inside and out.



Alloy Wheels & Tire Fitment
Select wheel size/offset, mount and balance performance or comfort tires to spec.

⌚ 2h  199,99 €



Exterior Styling Package
Subtle aero pieces, badging, color accents; fitted to your vehicle's lines.

⌚ 3h  249,99 €



Interior Detailing & Trim Refresh
Deep clean, protectants, minor trim repairs for a like-new cabin feel.

⌚ 2h 30m  179,99 €



LED Lighting Upgrade
Replace interior/exterior bulbs with quality LED kits; ensure correct beam pattern.

⌚ 1h 15m  129,99 €



Window Tint (Legal Spec)
Install high-quality film per local regulations; clean finish and warranty.

⌚ 2h  219,99 €

[Back to Services >](#)

Find us on:  

 CAR(E)

- Mobile

 CAR(E) 

Customization

Visual and comfort upgrades tailored to your style—inside and out.



Alloy Wheels & Tire Fitment

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Window Tint (Legal Spec)

Install high-quality film per local regulations; clean finish and warranty.

⌚ 2h  219,99 €

[Back to Services >](#)

Find us on:    CAR(E)



▼ Tutorials Page

- Desktop

 CAR(E)

HOME OUR SERVICES TUTORIALS FIND US ABOUT US SIGN IN

Car Repair Tutorials

Search tutorials (title or description)... Only favourites

Showing 5 of 5

Check Engine Light: What to Do
Understand common causes and what you can safely check yourself.



The Top 5 Reasons Your Check Engine Light May Be On

Five Reasons Why Your Vehicle's Check Engine Light Is On

Watch on YouTube

How to Change Your Oil
Step-by-step guide for safely changing your car's oil at home.

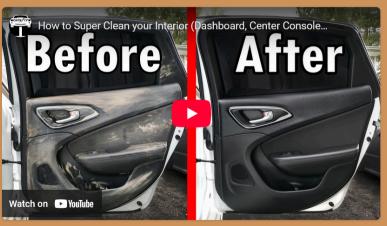


How to Change Your Oil (COMPLETE Guide)

Oil Change

Watch on YouTube

How to Super Clean your Interior
Full detail of car interior. Learn how to clean your dashboard, center console, door panels and glass.



How to Super Clean your Interior (Dashboard, Center Console...)

Before After

Watch on YouTube

Installing Racing Seats
Want to feel like a Formula 1 driver in your car or just looking to be more comfortable in your car? Here is a detailed tutorial on installing racing seats from scratch.



How to Install Racing Seats

Racing Seat Install

Watch on YouTube

Replacing Brake Pads
Learn how to replace worn-out brake pads with this simple tutorial.



How to Replace Brake Pads and Rotors (COMPLETE Guide)

Brake Replacement

Watch on YouTube

Find us on: [Facebook](#) [Instagram](#)

 CAR(E)

- Mobile

CAR(E)

Car Repair Tutorials

Search tutorials (title or d) Only favourites Reset

Showing 5 of 5

Check Engine Light: What to Do
Understand common causes and what you can safely check yourself.

How to Change Your Oil
Step-by-step guide for safely changing your car's oil at home.

How to Super Clean your Interior
Full detail of car interior. Learn how to clean your dashboard, center console, door panels and glass.

Installing Racing Seats
Want to feel like a Formula 1 driver in your car just looking to be more comfortable in your car? Here is a detailed tutorial on installing racing seats from scratch.

Replacing Brake Pads
Learn how to replace worn-out brake pads with this simple tutorial.

Find us on: CAR(E)

▼ Find Our Shops Page

- Desktop

The screenshot shows the 'Locations of our shops' page on the CAR(E) website. At the top, there is a navigation bar with links for HOME, OUR SERVICES, TUTORIALS, FIND US, ABOUT US, and SIGN IN. Below the navigation bar, the page title 'Locations of our shops' is displayed. A search bar allows users to search by name or address, with a dropdown menu showing 'All cities'. There are also buttons for 'Only favourites' and 'Search'. Below the search area, a message indicates 'Page 1 of 3 • 30 results'. The main content area displays eight shop locations in two columns:

City	Shop Name	Address	Contact Information
Osijek	CAR(E) Osijek – Donji grad	Ul. kralja Petra Svacica 20, Osijek +385 31 555 332	View details
Osijek	CAR(E) Osijek – Gornji grad	Kapucinska ul. 15, Osijek +385 31 555 334	View details
Osijek	CAR(E) Osijek – Jug II	Ul. sv. Leopolda Bogdana Mandića 45, Osijek +385 31 555 336	View details
Osijek	CAR(E) Osijek – Retfala	Ul. Josipa Jurja Strossmayera 210, Osijek +385 31 555 333	View details
Osijek	CAR(E) Osijek – Sjenjak	Sjenjak 133, Osijek +385 31 555 335	View details
Rijeka	CAR(E) Rijeka – Kantrida	Pulška ul. 30, Rijeka +385 51 555 442	View details
Rijeka	CAR(E) Rijeka – Pećine	Šetalište XIII. divizije 34, Rijeka +385 51 555 444	View details
Rijeka	CAR(E) Rijeka – Šudoči	Mihajela draga 50, Rijeka +385 51 555 446	View details
Rijeka	CAR(E) Rijeka – Trsat	Franjevicek 2, Rijeka +385 51 555 445	View details
Rijeka	CAR(E) Rijeka – Turnić	Ul. Drage Gerovisa 14, Rijeka +385 51 555 443	View details
Rijeka	CAR(E) Rijeka – Zamet	Zamet 12, Rijeka +385 51 555 441	View details

At the bottom of the page, there is a footer with social media links for Facebook and Instagram, and the CAR(E) logo.

- Mobile

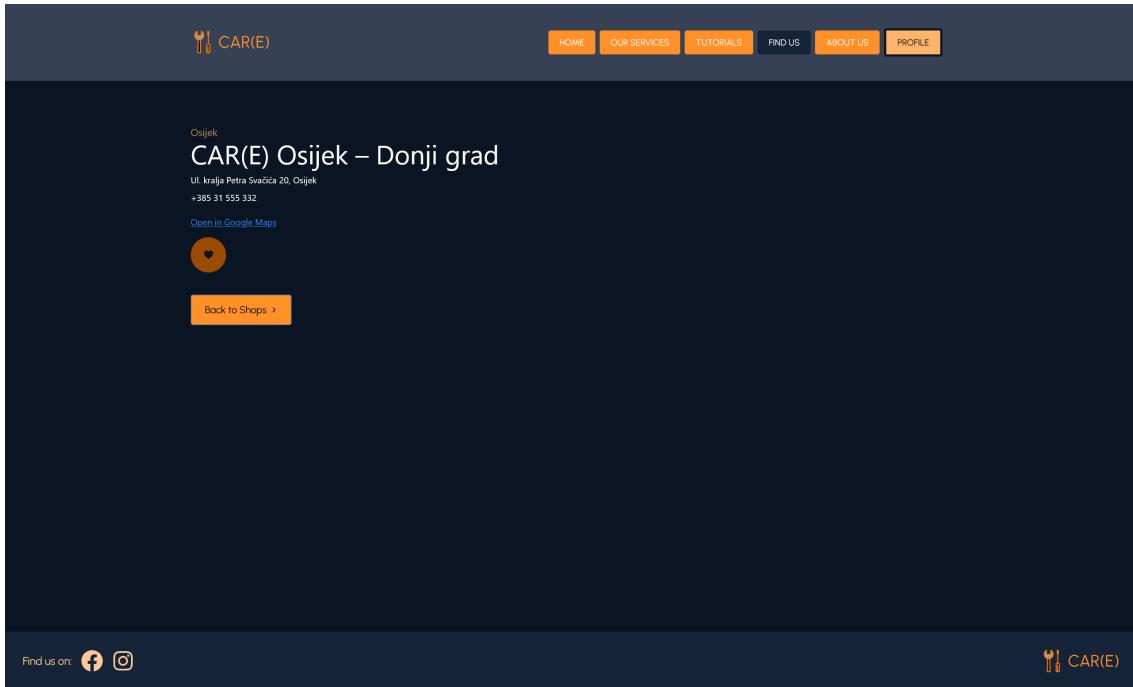
The screenshot displays a mobile application interface for CAR(E). At the top, there is a logo consisting of a stylized orange 'E' icon followed by the text 'CAR(E)'. To the right of the logo is a three-line menu icon. Below the header, the title 'Locations of our shops' is centered. Underneath the title is a search bar with the placeholder 'Search by name or address'. A dropdown menu shows 'All cities' selected. There is also a checkbox for 'Only favourites' which is unchecked. A large orange 'Search' button is positioned below the search bar. Below the search area, a pagination bar indicates 'Page 1 of 3' with a total of '30 results'. The main content area lists ten shop locations, each in a separate card:

- CAR(E) Osijek – Donji grad**
Ul. kneza Petra Šubića 20, Osijek
+385 31 555 332
[View details](#)
- CAR(E) Osijek – Gornji grad**
Kapucinska ul. 15, Osijek
+385 31 555 334
[View details](#)
- CAR(E) Osijek – Jug II**
Ul. sv. Leopolda Bogdana Mandića 45, Osijek
+385 31 555 336
[View details](#)
- CAR(E) Osijek – Retfala**
Ul. Josipa Jurja Strossmayera 210, Osijek
+385 31 555 339
[View details](#)
- CAR(E) Osijek – Sjenjak**
Sjenjak 133, Osijek
+385 31 555 335
[View details](#)
- CAR(E) Osijek – Tvrđa**
Vukovarska 2, Osijek
+385 31 555 331
[View details](#)
- CAR(E) Rijeka – Kantrida**
Pulška ul. 30, Rijeka
+385 51 555 442
[View details](#)
- CAR(E) Rijeka – Pećine**
Šetalište XII divizije 34, Rijeka
+385 51 555 444
[View details](#)
- CAR(E) Rijeka – Srdoči**
Mihačeva draga 50, Rijeka
+385 51 555 446
[View details](#)
- CAR(E) Rijeka – Trsat**
Franjevička 2, Rijeka
+385 51 555 445
[View details](#)
- CAR(E) Rijeka – Tumić**
Ul. Drage Gervaisa 14, Rijeka
+385 51 555 443
[View details](#)
- CAR(E) Rijeka – Zamet**
Zamet 12, Rijeka
+385 51 555 441
[View details](#)

At the bottom of the screen, there is a footer section with the text 'Find us on:' followed by icons for Facebook, Instagram, and a stylized orange 'E' icon. To the right of these icons is the text 'CAR(E)'. The footer also includes standard mobile navigation icons for back, forward, and search.

- Individual Shop Page

- Desktop



- Mobile

The image shows a mobile application interface for a car repair shop. At the top left is a wrench and screwdriver icon next to the text "CAR(E)". At the top right is a menu icon (three horizontal lines). Below the header, the city "Osijek" is displayed in light blue. The main title "CAR(E) Osijek – Donji grad" is centered in large white font. Below the title are the address "Ul. kralja Petra Svačića 20, Osijek" and phone number "+385 31 555 332". A blue "Open in Google Maps" button is present. A circular orange button with a heart icon is located above a "Back to Shops >" button. At the bottom, social media links for Facebook and Instagram are shown, along with the "CAR(E)" logo. Navigation icons for back, home, and search are at the very bottom.

CAR(E)

Osijek

CAR(E) Osijek – Donji grad

Ul. kralja Petra Svačića 20, Osijek
+385 31 555 332

[Open in Google Maps](#)

Back to Shops >

Find us on:

CAR(E)

▼ About Us

- Desktop

The screenshot shows the 'About Us' page of the CAR(E) website. At the top, there's a navigation bar with links for HOME, OUR SERVICES, TUTORIALS, FIND US, ABOUT US, and SIGN IN. The 'ABOUT US' link is highlighted. Below the navigation, the title 'About CAR(E)' is displayed, followed by a mission statement: 'Our mission is simple: help drivers maintain their cars with confidence—through expert guidance, honest service, and tools that put you in control.' A 'Our Story' section follows, with a paragraph about the company's history and values, and a 'What We Offer' section listing benefits like step-by-step repair topics and expert resources. The 'Our Values' section includes three boxes: Transparency (clear pricing, no surprises), Safety (best practices, quality parts), and Reliability (stand behind work). The 'Meet the Team' section features profiles for Samira Patel, Jordan Lee, and Alex Marin, each with a photo, name, title, and a brief description. Below the team profiles are four performance metrics: 98% service satisfaction, 1200+ repairs documented, 10k+ drivers helped, and 24/7 resources available. At the bottom, there's a call-to-action for account creation, social media links, and a 'Find Us' button.

- Mobile

The image shows the 'About CAR(E)' page of the CAR(E) mobile application. At the top, there is a navigation bar with the CAR(E) logo and a menu icon. Below the header, the title 'About CAR(E)' is displayed, followed by a brief mission statement: 'Our mission is simple: help drivers maintain their cars with confidence—through expert guidance, honest service, and tools that put you in control.'

Under the mission statement, there is a section titled 'Our Story' which includes two paragraphs of text about the company's history and philosophy. Below this, a section titled 'What We Offer' lists five bullet points: Step-by-step repair topics you can trust, Expert resources curated for every skill level, Find our shops and book service you can rely on, Create an account to save & like your favorite guides.

Further down, there is a section titled 'Our Values' with three items: Transparency (Clear pricing, clear steps, no surprises), Safety (Best practices and quality parts come first), and Reliability (We stand behind our work—and our guides).

The next section, 'Meet the Team', features three team members with their names and brief descriptions:

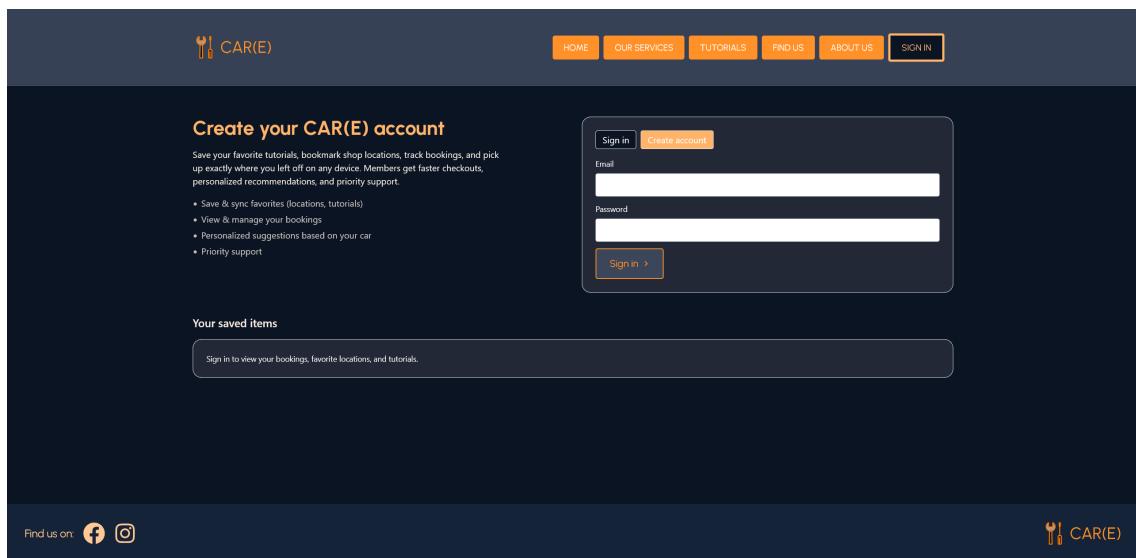
- Samira Patel**: Turns complex repairs into clear, step-by-step guides.
- Jordan Lee**: Customer-first ops and workshop logistics.
- Alex Marin**: 15+ years in diagnostics & engine rebuilds.

At the bottom of the page, there are four summary boxes: 98% Service satisfaction, 1200+ Repairs documented, 10K+ Drivers helped, and 24/7 Resources available.

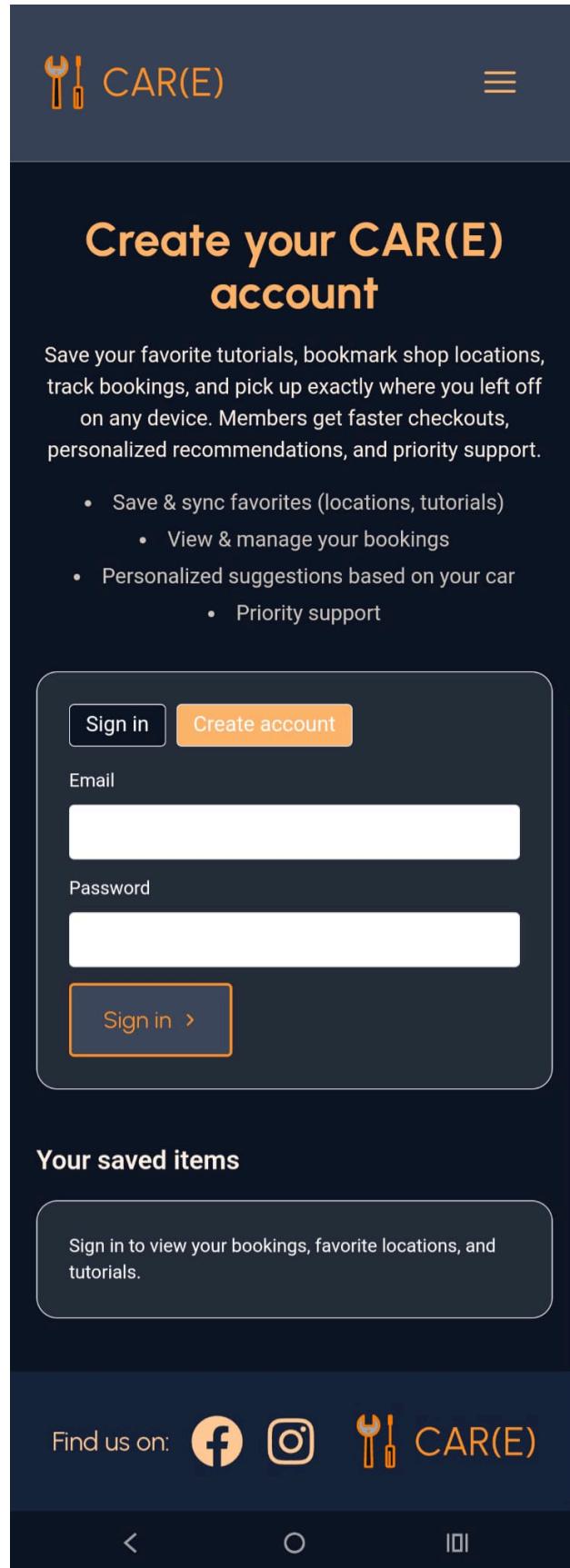
Finally, there is a call-to-action section with the text 'Ready to get more from your car? Create an account to save guides, like resources, and book service.' It includes two buttons: 'Sign In / Create Account >' and 'Find Us >'. The bottom of the screen shows social media icons for Facebook and Instagram, along with the CAR(E) logo and a navigation bar with back, forward, and search icons.

▼ User Profile / Sign In

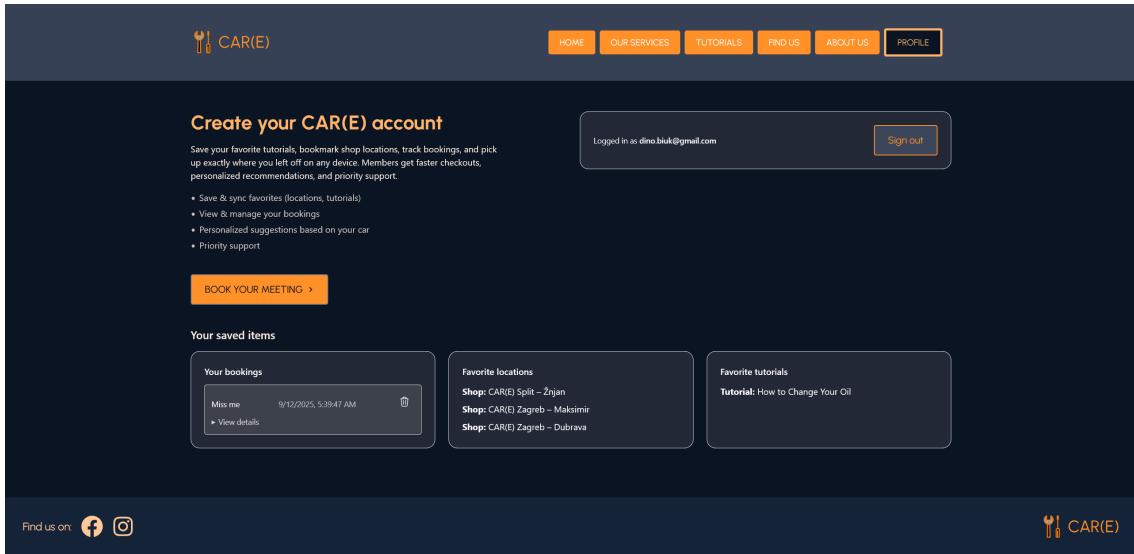
- Logged Out
 - Desktop



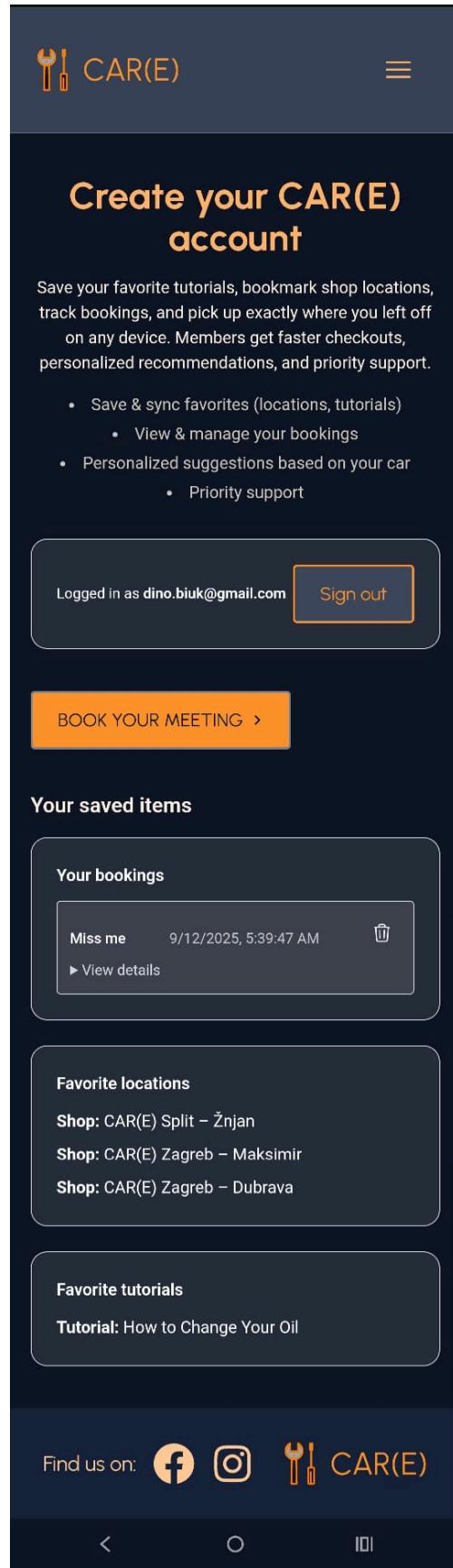
- Mobile



- Logged In
 - Desktop



- Mobile



▼ Book a Meeting Form

- Desktop

The screenshot shows a dark-themed web page for 'CAR(E)'. At the top, there's a navigation bar with links for HOME, OUR SERVICES, TUTORIALS, FIND US, ABOUT US, and PROFILE. The main content area is titled 'Book Your Meeting' and contains the following fields:

- Headline***: A text input field containing 'Short title for your booking'.
- Details**: A text input field containing 'Describe your car issue or request'.
- Your name**: A text input field containing 'Name and surname'.
- Email**: A text input field containing 'dino.biuk@gmail.com'.
- Phone**: A text input field containing '+385 ...'.
- Save booking >**: An orange button.

Below the form, a note states: 'If you wish to cancel or reschedule your meeting, please contact us. And if you go back to your profile without submitting the form, your entered data will be lost.' At the bottom, there's a 'Back to Profile >' link and social media links for Facebook and Instagram.

- Mobile

The image shows a mobile application interface for CAR(E). At the top, there is a logo consisting of a wrench and a screwdriver icon followed by the text "CAR(E)". To the right of the logo is a menu icon represented by three horizontal lines. Below the header, the title "Book Your Meeting" is displayed in a large, bold, white font. A descriptive text follows: "Fill out the form below and we'll notify you via email as soon as possible. You'll see your booking under 'Saved items' on your profile. Click the card to view full details." The form itself is contained within a white rectangular area with rounded corners. It includes fields for "Headline*" (with placeholder "Short title for your booking"), "Details" (with placeholder "Describe your car issue or request"), "Your name" (with placeholder "Name and surname" containing "dino.biuk@gmail.com"), "Email" (with placeholder "dino.biuk@gmail.com"), "Phone" (with placeholder "+385 ..."), and a large orange "Save booking >" button. Below the form, a note states: "If you wish to cancel or reschedule your meeting, please contact us. And if you go back to your profile without submitting the form, your entered data will be lost." At the bottom of the screen, there is a "Back to Profile >" button in an orange box. The footer contains social media links for Facebook and Instagram, along with the CAR(E) logo. Navigation icons for back, home, and search are also present at the very bottom.

CAR(E)

≡

Book Your Meeting

Fill out the form below and we'll notify you via email as soon as possible. You'll see your booking under "Saved items" on your profile. Click the card to view full details.

Headline*

Short title for your booking

Details

Describe your car issue or request

Your name

Name and surname

Email

dino.biuk@gmail.com

Phone

+385 ...

Save booking >

If you wish to cancel or reschedule your meeting, please contact us. And if you go back to your profile without submitting the form, your entered data will be lost.

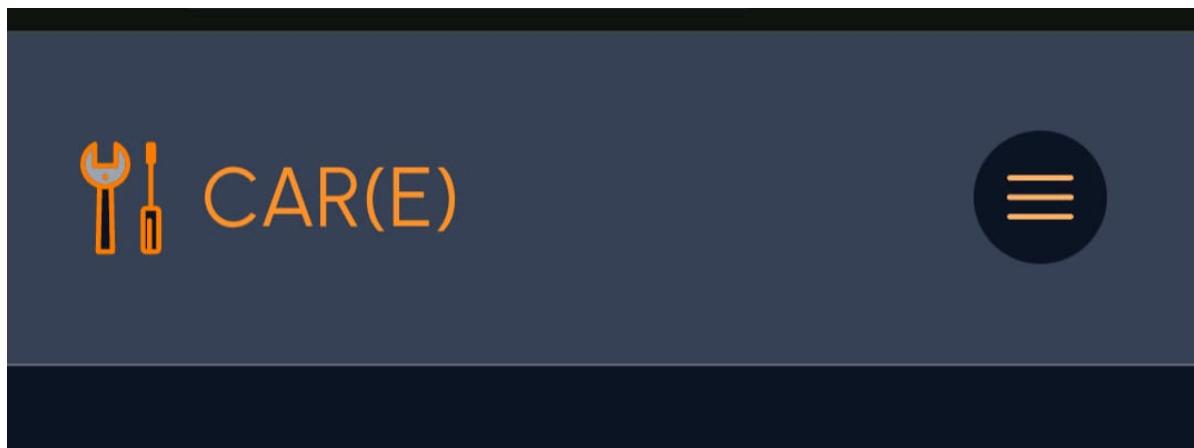
Back to Profile >

Find us on:

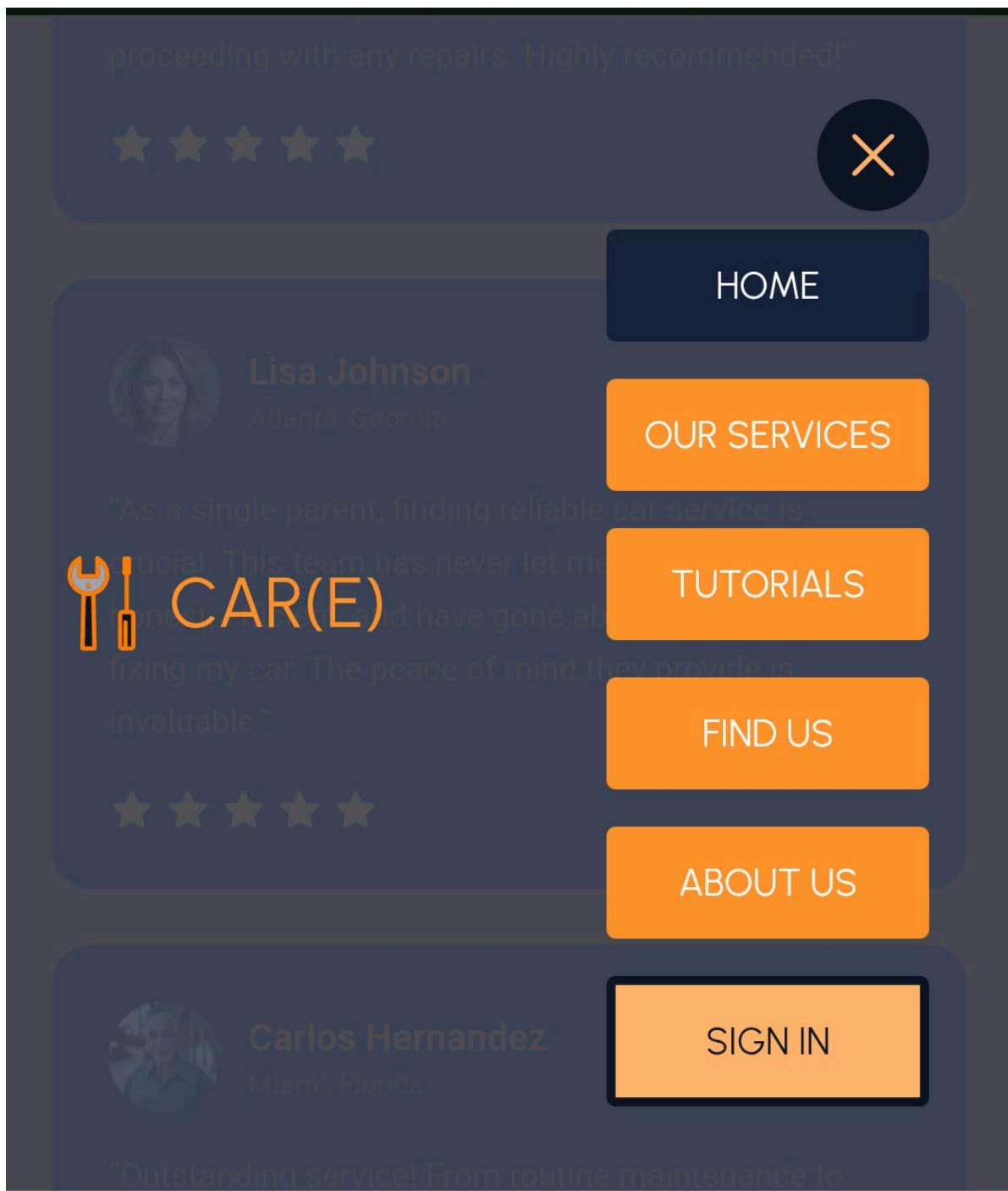
CAR(E)

▼ Mobile Hamburger Bar

▼ Mobile Navigation Closed



▼ Mobile Navigation Open



Applying the CRAP Design Principles

In designing CAR(E), I tried my best to apply the four CRAP principles—**Contrast**, **Repetition**, **Alignment**, and **Proximity**—to create a clean and usable interface:

- **Contrast**

Orange-blue color palette ensures key actions like buttons and links stand out against dark backgrounds.

Typographic hierarchy (large bold headlines vs. smaller body text) reinforces visual contrast and readability.

- **Repetition**

Fonts, button styles, and spacing are consistent across every page.

This repetition strengthens brand identity and gives users predictable navigation and interaction cues.

- **Alignment**

All sections use a strict grid and consistent margins.

Elements such as forms, images, and headings align to shared vertical and horizontal axes, creating an orderly look.

- **Proximity**

Related elements like a headline with its description and action button are grouped together.

Clear spacing separates unrelated content, helping users quickly scan and focus on key information.

Together, these principles make the interface visually cohesive, easy to navigate, and pleasant to use.

Deployment

- Hosted on **Vercel**
- Webpage link: <https://carehci.vercel.app/>
- Function CPU: Basic (0.6 vCPU, 1GB Memory)
- Deployment Protection: (Legacy) Standard Protection
- Environment variables:
 - Supabase:
 - NEXT_PUBLIC_SUPABASE_URL

- NEXT_PUBLIC_SUPABASE_ANON_KEY
- Contentful:
 - CONTENTFUL_SPACE_ID
 - CONTENTFUL_ACCESS_TOKEN
- Continuous deployment from GitHub

Future Improvements

- Email or push notifications for bookings
- Payment gateway integration
- Advanced filters & analytics dashboards

Performance

Performance was measured using [PageSpeed Insights](#). PageSpeed Insights (PSI) reports on the user experience of a page on both mobile and desktop devices, and provides suggestions on how that page may be improved.

Results:

- Desktop



Diagnose performance issues



Performance



Accessibility



Best Practices



SEO



Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49 ■ 50–89 ● 90–100



Test confirmed great performance and excellent experience for the user.

- Mobile



Diagnose performance issues



Performance



Accessibility



Best Practices



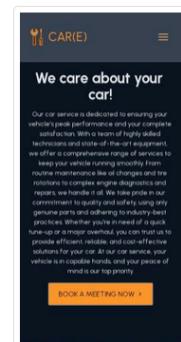
SEO



Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49 ■ 50–89 ● 90–100



Great experience for the users on mobile screens, but it could use some performance upgrade.

References & Resources

- [Next.js Documentation](#)
- [Supabase Documentation](#)
- [Contentful Docs](#)
- [Tailwind CSS](#)
- [Figma \(Interface design tool\)](#)
- [Excalidraw \(Virtual whiteboard\)](#)
- [ChatGPT](#)
- [Vercel](#)
- [PageSpeed Insights](#)