

# Automotive Block Builder

A modern Next.js application for generating automotive display blocks with multiple layout options.

## Features

- **Multiple Display Types:** Slider, Tabs, Mega Menu, List, Full-size Slider
- **API Integration:** Support for GET/POST requests
- **Field Mapping:** Custom field configuration with multiple data types
- **Code Generation:** Export ready-to-use JavaScript, CSS, HTML, and WordPress plugins
- **Responsive Design:** Mobile-friendly layouts
- **Real-time Preview:** See changes instantly

## Quick Start

### Deploy to Vercel

1. Fork this repository
2. Connect to Vercel
3. Deploy automatically

### Local Development

```
bash
```

```
# Clone the repository
```

```
git clone <your-repo-url>
```

```
cd automotive-block-builder
```

```
# Install dependencies
```

```
npm install
```

```
# Run development server
```

```
npm run dev
```

```
# Build for production
```

```
npm run build
```

```
npm start
```

## Usage

1. **Configure API:** Set your API endpoint and request method
2. **Map Fields:** Define data fields and their display types
3. **Choose Layout:** Select from 5 display options
4. **Preview:** See real-time preview with sample data
5. **Generate Code:** Export production-ready code

## Display Types

- **Simple Slider:** Responsive carousel with navigation
- **Tabs with Slider:** Categorized content with sliders
- **Mega Menu:** Compact grid layout
- **Simple List:** Vertical listing
- **Full Size Slider:** Hero-style full-width slides

## Field Types

- Text
- Number
- Currency (auto-formatted)
- Image
- Date

## Generated Code

The app generates:

- Vanilla JavaScript component
- CSS styles
- Complete HTML file
- WordPress plugin
- Shortcode syntax

## API Format

Your API should return JSON array:

json

```
[
  {
    "title": "2024 BMW M3",
    "price": 75000,
    "make": "BMW",
    "year": 2024,
    "image": "https://example.com/car.jpg"
  }
]
```

## Dynamic Variables

Use `{{DOMAIN}}` in API URLs for dynamic domain replacement.

## Browser Support

- Chrome 60+
- Firefox 55+
- Safari 12+
- Edge 79+

## License

MIT License