

Here's a comprehensive prompt for Replit:

PROJECT: TIGON Spray - Premium Golf Cart Clear Spray E-Commerce Site

BRAND & PRODUCT OVERVIEW:

- Site Name: "TIGON Spray"
 - Product: Golf Cart Clear Sprays (exactly 4 spray bottle products)
 - Target SEO: Rank #1 for "Golf Cart Spray Cleaner"
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TECHNICAL STACK REQUIREMENTS:

Frontend:

- React/Next.js for SEO optimization and server-side rendering
- Responsive design (mobile-first approach)
- Dark theme as default with toggle to white/light theme
- Clean, modern UI with minimal checkout friction

Backend:

- Node.js/Express
- PostgreSQL or MongoDB for database
- RESTful API architecture

Payment Processing:

- Full Clover merchant integration for checkout
 - Amazon Buy Button integration on product pages
 - Secure payment handling with PCI compliance
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CORE E-COMMERCE FEATURES:

Product Catalog:

- Exactly 4 spray bottle products
- 1:1 aspect ratio product images (square format)
- Product pages with:
 - High-quality product images
 - Detailed descriptions

- Pricing
- "BUY NOW" button (Clover checkout)
- "Buy on Amazon" button (positioned directly under BUY NOW)
- Product specifications
- Customer reviews section

Shopping Cart:

- Clean, minimal design
- Real-time cart updates
- Quantity adjustment
- Remove items functionality
- Cart persistence (saved for logged-in users)
- Price calculations with tax

Checkout System:

- Shortest possible checkout flow (ideally single-page)
- Guest checkout option
- Required fields only:
 - Email
 - Shipping address
 - Billing address (option to use same as shipping)
 - Payment information (Clover integration)
- Form validation with clear error messages
- SSL security throughout

Email System:

- Automated order confirmation emails to customer (using their cart input email)
- Order notification emails to admin/store owner
- Include:
 - Order number
 - Items purchased
 - Prices and totals
 - Shipping information
 - Estimated delivery
- Professional HTML email templates

AFFILIATE PROGRAM:

Affiliate Dashboard:

- Affiliate registration page with account creation

- Login/authentication system for affiliates
- Unique User ID generation upon signup
- Automatic affiliate link generation for all 4 products using affiliate's User ID
- Affiliate dashboard showing:
 - Total sales
 - Commission earned
 - Click tracking
 - Conversion rates
 - Payment status
 - Personal affiliate links for each product

Admin Affiliate Management:

- View all affiliates
 - Track all affiliate sales separately
 - Commission management
 - Approve/deny affiliate applications
 - Payment processing tracking
 - Analytics and reporting
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ADMIN PANEL:

Dashboard:

- Total sales overview
- Recent orders
- Affiliate sales tracking (separate section)
- Product inventory status
- Analytics and reports

Order Management:

- View all orders
- Filter by status (pending, shipped, delivered, cancelled)
- Update order status
- View customer details
- Print invoices/packing slips

Product Management:

- Edit product details
- Update pricing
- Manage inventory
- Upload/change product images

Affiliate Tracking:

- Complete affiliate sales dashboard
 - Commission calculations
 - Payment management
 - Performance metrics per affiliate
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SEO & OPTIMIZATION REQUIREMENTS:

URL Structure:

- **CRITICAL: ALL URLs must use absolute URL structures (<https://tigonspray.com/page>) instead of relative URLs (/page)**
- Clean, descriptive URLs
- Product URLs: /products/product-name
- Blog URLs: /blog/post-title
- Affiliate URLs: /affiliate/dashboard

On-Page SEO (Every Page):

- Optimized title tags (60 characters max)
- Meta descriptions (155 characters max)
- H1, H2, H3 heading hierarchy
- Alt text for all images
- Internal linking structure
- Fast loading times (<3 seconds)
- Mobile-responsive design
- Structured data/Schema markup

Schema Markup (JSON-LD format on every page):

- Organization schema (homepage)
- Product schema (all 4 products):
 - Name, image, description
 - Price, currency
 - Availability
 - Brand
 - Reviews/ratings
 - SKU/GTIN
- BreadCrumbList schema
- WebSite schema with search action
- Blog/Article schema for blog posts
- LocalBusiness schema
- FAQ schema (if applicable)

Geo-Targeting:

- Local business schema if applicable
- Location-specific content optimization
- Google My Business integration ready
- Address and contact information markup

Target Keyword Strategy:

- Primary: "Golf Cart Spray Cleaner"
 - Secondary: "Golf Cart Clear Spray", "Golf Cart Cleaning Products", "Golf Cart Maintenance Spray"
 - Long-tail variations throughout content
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BLOG SECTION:

Features:

- Blog homepage with article grid
- Individual blog post pages
- Categories/tags system
- Search functionality
- Related posts
- Author attribution
- Social sharing buttons
- Comments section (optional)

Content Topics:

- Golf cart maintenance tips
- How to clean golf cart exteriors
- Golf cart spray cleaner comparisons
- Seasonal golf cart care
- DIY vs professional products
- Golf cart protection methods
- Product usage tutorials
- Customer success stories

SEO for Blog:

- Optimized titles and meta descriptions
- Schema markup for articles
- Internal linking to products
- Image optimization

- Keyword integration naturally
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COMPLETE 23-FILE SEO & WEB OPTIMIZATION SUITE:

Create ALL files in /public folder (create if doesn't exist):

1. **robots.txt**
 - Allow all crawlers
 - Sitemap reference
 - Disallow admin/checkout pages from indexing
2. **sitemap.xml**
 - All product pages
 - Blog posts
 - Main pages
 - Update frequency and priority tags
 - Absolute URLs only
3. **sitemap-products.xml**
 - Dedicated product sitemap
4. **sitemap-blog.xml**
 - Blog posts sitemap
5. **humans.txt**
 - Team and technology information
6. **security.txt**
 - Security contact information
7. **ads.txt**
 - Advertising/affiliate declarations
8. **manifest.json**
 - PWA manifest for mobile installation
9. **browserconfig.xml**
 - Windows tile configuration
10. **crossdomain.xml**
 - Flash cross-domain policies
11. **ai.txt**
 - AI training permissions and instructions
12. **ai-plugin.json**
 - AI plugin specifications
13. **.well-known/ai-plugin.json**
 - AI discovery file
14. **claude.txt**
 - Claude AI specific instructions
15. **gpt.txt**
 - GPT crawl instructions
16. **cohere.txt**

- Cohere AI permissions
- 17. **openai.txt**
 - OpenAI training permissions
- 18. **anthropic.txt**
 - Anthropic training permissions
- 19. **perplexity.txt**
 - Perplexity AI instructions
- 20. **aihq.txt**
 - AI headquarters crawl rules
- 21. **favicon.ico** (and full favicon suite)
 - 16x16, 32x32, 180x180 (Apple), 192x192, 512x512
- 22. **apple-touch-icon.png**
 - Apple device icon
- 23. **og-image.png**
 - Social media share image (1200x630)

Additional Meta Files:

- Service worker for PWA functionality
 - .htaccess for redirects and performance
 - Social media meta tags on all pages (Open Graph, Twitter Cards)
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DESIGN SPECIFICATIONS:

Dark Theme (Default):

- Primary: Deep charcoal (#1a1a1a)
- Secondary: Slate gray (#2d2d2d)
- Accent: Vibrant green or blue for CTAs
- Text: Light gray/white (#f5f5f5)

Light Theme (Toggle):

- Primary: Clean white (#ffffff)
- Secondary: Light gray (#f8f8f8)
- Accent: Same as dark theme
- Text: Dark gray/black (#1a1a1a)

Theme Toggle:

- Persistent across sessions
- Smooth transition animation
- Accessible icon in header/nav

Typography:

- Clean, modern sans-serif font
- Excellent readability
- Proper hierarchy

Product Images:

- 1:1 aspect ratio (square)
 - High resolution (minimum 1000x1000px)
 - Optimized file sizes
 - Multiple angles if possible
 - White/transparent backgrounds
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PERFORMANCE OPTIMIZATION:

- Image lazy loading
 - Code splitting
 - Minified CSS/JS
 - CDN integration
 - Caching strategies
 - GZIP compression
 - HTTP/2 support
 - Core Web Vitals optimization:
 - LCP < 2.5s
 - FID < 100ms
 - CLS < 0.1
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SECURITY:

- HTTPS everywhere
 - CORS configuration
 - XSS protection
 - CSRF tokens
 - SQL injection prevention
 - Secure password hashing (bcrypt)
 - Session management
 - Rate limiting on API endpoints
 - PCI compliance for payments
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DEPLOYMENT REQUIREMENTS:

- Environment variables for:
 - Clover API keys
 - Database credentials
 - Email service credentials
 - Amazon affiliate IDs
 - Session secrets
 - Production-ready error handling
 - Logging system
 - Backup strategy
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DELIVERABLES:

1. Complete working website with all features
 2. All 23 SEO/optimization files in /public folder
 3. Database schema and migrations
 4. README with:
 - Setup instructions
 - Environment variable configuration
 - Clover integration setup guide
 - Amazon Buy Button setup guide
 - Email service setup
 - Deployment instructions
 5. Admin credentials and setup
 6. Sample product data
 7. Documentation for affiliate system
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TESTING REQUIREMENTS:

- Cross-browser compatibility (Chrome, Firefox, Safari, Edge)
 - Mobile responsiveness (all screen sizes)
 - Payment processing test transactions
 - Email delivery testing
 - Affiliate link tracking verification
 - SEO validation (Google Search Console ready)
 - Accessibility compliance (WCAG 2.1 AA)
 - Performance testing (Lighthouse score 90+)
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POST-LAUNCH CHECKLIST:

- Google Search Console setup
 - Google Analytics integration
 - Schema markup validation (Google Rich Results Test)
 - Sitemap submission
 - Clover merchant account connected
 - Amazon affiliate program enrolled
 - Email service configured
 - SSL certificate active
 - All absolute URLs verified
 - Affiliate program tested end-to-end
 - Admin dashboard functional
 - First blog posts published
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Please build this complete e-commerce platform with all features fully functional, properly organized file structure, production-ready code, and comprehensive documentation. Ensure absolute URLs are used throughout the entire project.