

ComputingGate - Advanced Technology Solutions

A professional, modern, and distinctive website for ComputingGate Information Technology, featuring stunning animations, professional images, and videos that reflect the company's expertise in the technical field.

Features

Design & Animation

- **Dark/Light Theme:** Seamless theme switching with beautiful color schemes
- **Three.js Animations:** Advanced 3D animations and particle systems
- **Professional Animations:** Framer Motion for smooth, engaging interactions
- **Glass Effects:** Modern glassmorphism design elements
- **Gradient Effects:** Beautiful tech-themed gradients throughout

Content & Media

- **Professional Images:** High-quality stock images from Unsplash
- **Video Content:** Interactive video previews on hover
- **Team Section:** Professional team member profiles with social links
- **Portfolio:** Showcase of successful projects with interactive elements
- **Testimonials:** Client testimonials with carousel functionality

Technical Features

- **Next.js 15:** Latest Next.js with App Router
- **TypeScript:** Full type safety and better development experience
- **Tailwind CSS v4:** Modern utility-first CSS framework
- **shadcn/ui:** Beautiful, accessible UI components
- **Internationalization:** Arabic and English language support
- **Responsive Design:** Optimized for all device sizes
- **Performance:** Optimized images and lazy loading

Sections

1. **Hero Section:** Particle animations with dynamic background
2. **About Section:** 3D animated cubes showcasing technology
3. **Services Section:** Interactive service cards with hover effects
4. **Portfolio Section:** Project showcase with video previews
5. **Team Section:** Professional team member profiles
6. **Testimonials:** Client testimonials carousel
7. **Contact Section:** Contact form with validation

Technology Stack

- **Framework:** Next.js 15 with TypeScript
- **Styling:** Tailwind CSS v4, shadcn/ui
- **Animations:** Three.js, Framer Motion, React Three Fiber
- **Internationalization:** next-intl
- **Theme Management:** next-themes
- **Icons:** Lucide React
- **Images:** Next.js Image optimization

Color Scheme

The website uses a professional tech color palette:

- **Primary:** Light Green (#22c55e)
- **Secondary:** Sky Blue (#0ea5e9)
- **Accent:** Purple (#8b5cf6)
- **Background:** Dynamic dark/light themes
- **Gradients:** Beautiful tech-themed gradients

Responsive Design

- **Mobile First:** Optimized for mobile devices
- **Tablet:** Perfect tablet experience
- **Desktop:** Full desktop features and animations
- **Breakpoints:** sm, md, lg, xl, 2xl responsive breakpoints

Internationalization

- **Languages:** English and Arabic
- **RTL Support:** Right-to-left layout for Arabic
- **Dynamic Routing:** [/en](#) and [/ar](#) routes
- **Translation Keys:** Comprehensive translation system

Getting Started

1. Install Dependencies:

```
npm install
```

2. Run Development Server:

```
npm run dev
```

3. Build for Production:

```
npm run build
```

4. Start Production Server:

```
npm start
```

Project Structure

```
src/
├── app/                                # Next.js App Router
│   ├── [locale]/                      # Internationalized routes
│   ├── globals.css                    # Global styles
│   └── layout.tsx                      # Root layout
├── components/                         # React components
│   ├── about/                         # About section components
│   ├── contact/                       # Contact section components
│   ├── hero/                          # Hero section components
│   ├── loading/                       # Loading components
│   ├── particles/                     # Three.js particle systems
│   ├── portfolio/                     # Portfolio section components
│   ├── services/                     # Services section components
│   ├── team/                          # Team section components
│   ├── testimonials/                 # Testimonials components
│   ├── ui/                           # shadcn/ui components
│   ├── navigation.tsx                # Navigation component
│   └── footer.tsx                    # Footer component
├── i18n/                              # Internationalization
├── lib/                               # Utility functions
└── messages/                          # Translation files
    ├── en.json                       # English translations
    └── ar.json                       # Arabic translations
```

Key Features Implementation

Particle Animations

- Custom Three.js particle systems
- Interactive floating orbs
- Dynamic background effects
- Performance-optimized rendering

Professional Media

- High-quality images from Unsplash
- Video previews on hover

- Optimized loading and caching
- Responsive image handling

Modern UI/UX

- Glassmorphism design elements
- Smooth animations and transitions
- Interactive hover effects
- Professional typography

Mobile Optimization

- Touch-friendly interactions
- Optimized navigation for mobile
- Responsive grid layouts
- Performance optimizations

Customization

Colors

Edit `src/app/globals.css` to customize the color scheme:

```
:root {  
  --tech-primary: 142 76% 36%;    /* Light green */  
  --tech-secondary: 199 89% 48%;  /* Sky blue */  
  --tech-accent: 262 83% 58%;     /* Purple accent */  
}
```

Content

Update translation files in `messages/` directory:

- `en.json` for English content
- `ar.json` for Arabic content

Images

Replace placeholder images with your own:

- Team photos in `src/components/team/`
- Portfolio images in `src/components/portfolio/`
- Project videos in portfolio section

License

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Support

For support and inquiries, contact ComputingGate at info@computinggate.com

Built with  by **ComputingGate Development Team**