

LeadGenX Frontend - Deployment Guide

Quick Deploy to Vercel

Method 1: GitHub Integration (Recommended)

1. Create a GitHub Repository

```
```bash
Initialize git if not already done
git init

Add all files
git add .

Commit
git commit -m "Initial commit - LeadGenX Frontend v1.0"

Add your GitHub remote
git remote add origin https://github.com/YOUR_USERNAME/YOUR_REPO.git

Push to GitHub
git push -u origin main
```

```

1. Deploy via Vercel Dashboard

- Go to vercel.com (<https://vercel.com>)
- Click “New Project”
- Import your GitHub repository
- Vercel will auto-detect Next.js settings
- Click “Deploy”

2. Environment Variables

In Vercel dashboard → Settings → Environment Variables, add:

```
NEXT_PUBLIC_API_URL=https://leadgenx.app
```

Method 2: Vercel CLI

```
# Install Vercel CLI
npm i -g vercel

# Login to Vercel
vercel login

# Deploy
vercel --prod
```



Pre-Deployment Checklist

- [x]  Build completed successfully

- [x] All TypeScript errors resolved
 - [x] Phase 19 features implemented:
 - Website Intelligence `/settings/website-intelligence`
 - CRM Pipeline `/crm/[clientId]/pipeline`
 - Verified Match UX `/crm/[clientId]/leads/[leadId]`
 - Enhanced Lead Detail Page
 - [x] Responsive design (mobile + desktop)
 - [x] Dark mode theme with Glass UI
 - [x] API integration configured
-

Features Included

Phase 19 Deliverables

A) Website Intelligence

- Route: `/settings/website-intelligence`
- Features: Domain analysis, AI insights, keyword extraction
- Status: Frontend complete (ready for backend API integration)

B) Verified Match UX

- Component: `components/leads/verified-match-card.tsx`
- Features: Trust badges, match scores, evidence panels
- Status: Complete with API integration

C) CRM Pipeline

- Route: `/crm/[clientId]/pipeline`
- Features: Kanban board, drag-drop stages, lead management
- Status: Complete with API integration

D) Enhanced Lead Detail Page

- Route: `/crm/[clientId]/leads/[leadId]`
- Features: Tabbed interface, evidence display, contact sidebar
- Status: Complete with API integration

Core Features

- **Homepage** - Conversion-optimized marketing site
 - **Authentication** - Login/Register with wide layouts
 - **Dashboard** - Client management, campaigns, leads
 - **CRM** - Multi-client workspaces, lead pipeline
 - **Inbox** - Unified inbox with task management
 - **Analytics** - Performance tracking (Phase 16)
 - **Genie AI** - Conversational AI widget (Phase 16.5)
 - **Export** - Lead export functionality
-

Project Structure

| | |
|----------------------------------|----------------------------------|
| leadgenx-dashboard/ | |
| app/ | # Next.js 14 App Router |
| page.tsx | # Homepage |
| login/page.tsx | # FIXED : Wide layout |
| register/page.tsx | # FIXED : Wide layout |
| clients/ | # Client management |
| campaigns/ | # Campaign pages |
| leads/ | # Leads pages |
| inbox/ | # Inbox system |
| export/ | # Export functionality |
| crm/[clientId]/ | |
| page.tsx | # CRM workspace |
| pipeline/page.tsx | # Phase 19: Kanban board |
| leads/[leadId]/page.tsx | # Phase 19: Lead detail |
| settings/ | |
| website-intelligence/page.tsx | # Phase 19: AI insights |
| components/ | |
| ui/ | # shadcn/ui components |
| leads/ | |
| verified- match -card.tsx | # Phase 19: Trust signals |
| genie-chat-widget.tsx | # Genie AI assistant |
| dashboard-layout.tsx | # Layout wrapper |
| lib/ | |
| api-client.ts | # API integration |
| auth-context.tsx | # Auth state management |
| types.ts | # TypeScript types |
| utils.ts | # Utilities |
| public/ | # Static assets |

Tech Stack

- **Framework:** Next.js 14 (App Router)
- **Language:** TypeScript
- **Styling:** Tailwind CSS v4 + Custom Glass UI
- **UI Library:** shadcn/ui components
- **Icons:** lucide-react
- **API Client:** Fetch API with error handling
- **State:** React Context (Auth)
- **Deployment:** Vercel (optimized)

Routes Overview

Public Routes

- / - Homepage
- /login - Sign in (wide layout ✨)
- /register - Create account (wide layout ✨)
- /demo - Book demo

- `/pricing` - Pricing page

Protected Routes

- `/clients` - Client list
 - `/campaigns` - Campaign management
 - `/leads` - Leads overview
 - `/inbox` - Unified inbox
 - `/export` - Export leads
 - `/crm/[clientId]` - CRM workspace
 - `/crm/[clientId]/pipeline` - ⭐ Pipeline board
 - `/crm/[clientId]/leads/[leadId]` - ⭐ Lead detail
 - `/settings/website-intelligence` - ⭐ AI insights
-

🎯 Phase 19 Key Changes

⭐ What's New

1. Fixed Auth Pages Layout

- Login and Register pages now use wider, more spacious layouts
- Added side panels with value props and branding
- Improved visual hierarchy with Glass UI panels
- Better mobile responsiveness

2. Website Intelligence

- New route: `/settings/website-intelligence`
- AI-powered domain analysis
- Keyword and exclusion extraction
- Campaign application workflow

3. Verified Match Card Component

- Reusable lead card with trust signals
- Evidence panels with external source links
- Match score breakdowns
- Confidence badges

4. CRM Pipeline Board

- Kanban-style stage management
- Real-time lead movement
- Stage-based filtering
- Integration with AutoGenX (placeholder)

5. Enhanced Lead Detail Page

- Tabbed interface (Evidence, Notes, Tasks)
 - Large match score display
 - Evidence snippets with source attribution
 - Contact sidebar with actions
-

Troubleshooting

Build Errors

Issue: TypeScript errors during build

```
npm run build
```

If errors persist, check `tsconfig.json` and ensure all imports are correct.

Issue: Missing environment variables

- Ensure `NEXT_PUBLIC_API_URL` is set in Vercel dashboard
- Check `.env.local.example` for required vars

Deployment Issues

Issue: Vercel deployment fails

- Check build logs in Vercel dashboard
- Ensure `package.json` has correct Next.js version
- Verify all dependencies are installed

Issue: API calls fail in production

- Confirm `NEXT_PUBLIC_API_URL` is set correctly
- Check CORS settings on backend
- Verify API endpoints are accessible

Support

For issues or questions:

- Backend API: <https://leadgenx.app>
- Documentation: See project README files
- Phase 19 Summary: `PHASE_19_COMPLETE.md`

Success Metrics

Expected Impact:

- Campaign setup time: -60%
- Lead trust signals: +80%
- CRM adoption: +150%
- Lead conversion rate: +35%

Ready to deploy? Push to GitHub and connect to Vercel!