🌳 GitHub Branch Structure - Enterprise & SMB Versions

Repository: https://github.com/AICyberSecurity911/WBsite
Date: October 25, 2025

📊 Branch Overview

🏢 Enterprise Development Branch

Branch Name: `enterprise-development`
Purpose: Ongoing enterprise version development
Link: https://github.com/AICyberSecurity911/WBsite/tree/enterprise-development

Current State:
- Contains all enterprise service pages (5 pages)
- Blog posts (6 articles)
- Download pages (5 gated resources)
- Interactive calculators (4 calculators)
- Full SEO optimization
- Cinematic design with animated backgrounds

🏪 SMB Development Branch (NEW!)

Branch Name: `smb-development`
Purpose: Small business version development
Link: https://github.com/AICyberSecurity911/WBsite/tree/smb-development

Current State:
- SMB foundation: color scheme (teal, blue, orange)
- SMB database schema (separate lead tables)
- Test page: `/smb/ai-workforce`
- Clean white background design
- Ready for SMB service page development

Starting Point:
- Branched from: `enterprise-development`
- Base commit: `7379b04` - "Enterprise backed up to GitHub"
- Includes: All enterprise pages + SMB foundation

🏷️ Tagged Versions

Pure Enterprise v1.0

Tag Name: `pure-enterprise-v1.0`
Commit: `573b13c`
Link: https://github.com/AICyberSecurity911/WBsite/releases/tag/pure-enterprise-v1.0

Purpose: Clean enterprise version before any SMB work
Contents: 27 enterprise routes, no SMB code

🔀 Branch Relationships

```
main (original)
│
├── enterprise-development
│    ├── Latest: 7379b04 "Enterprise backed up to GitHub"
│    ├── Tag: pure-enterprise-v1.0 (at 573b13c)
│    └── Contains: Enterprise + SMB foundation
│
└── smb-development (NEW!)
     ├── Branched from: enterprise-development (7379b04)
     ├── Latest: 7379b04 "Enterprise backed up to GitHub"
     └── Will contain: SMB-specific development
```

🎯 Working Strategy

For SMB Development (Current Focus)

```
# You're already on this branch!
git checkout smb-development
git pull origin smb-development

# Make changes, commit, and push
git add .
git commit -m "Your commit message"
git push origin smb-development
```

For Enterprise Updates

```
# Switch to enterprise branch
git checkout enterprise-development
git pull origin enterprise-development

# Make changes, commit, and push
git add .
git commit -m "Your commit message"
git push origin enterprise-development
```

To View Pure Enterprise Version

```
# Checkout the tagged version
git checkout pure-enterprise-v1.0

# Or create a new branch from it
git checkout -b enterprise-only pure-enterprise-v1.0
```

📂 What Each Branch Contains

Enterprise Development Branch

✅ **Service Pages:**
- AI Workforce (`/ai-workforce`)
- Process Intelligence (`/process-intelligence`)
- Cyber Intelligence (`/cyber-intelligence`)
- Beyond Background Checks (`/beyond-background-checks`)
- Enterprise Transformation (`/enterprise-transformation`)

✅ **Blog Posts:** 6 articles
✅ **Download Pages:** 5 gated resources
✅ **Calculators:** 4 interactive tools
✅ **Components:** All enterprise UI components
✅ **SMB Foundation:** Color scheme and database schema

SMB Development Branch (Current)

✅ **Starting Point:** Same as enterprise-development
✅ **SMB Foundation:**
- Color scheme: Teal (#14b8a6), Blue (#3b82f6), Orange (#ff6b35)
- Database: `SmbAiWorkforceLead` , `SmbCyberRiskResult` tables
- Test page: `/smb/ai-workforce`

🚧 **Ready to Add:**
- Complete SMB AI Workforce page
- SMB Process Intelligence page
- SMB Cyber Intelligence page
- SMB Beyond Background Checks page
- SMB Business Transformation page
- Common landing page for routing

🔄 Sync Strategy

Option 1: Keep Branches Separate (Recommended)

- Develop SMB features in `smb-development` branch
- Develop enterprise features in `enterprise-development` branch

- Each branch maintains its own identity
- Easier to deploy separately

Option 2: Selective Merging

If you want to share specific features:

```
# From smb-development, cherry-pick specific commits
git cherry-pick <commit-hash>

# Or merge specific files
git checkout enterprise-development -- path/to/file
```

🚀 Deployment Strategy

Option A: Separate Deployments

- Deploy `enterprise-development` to: `quantumleap.ai` or `enterprise.quantumleap.ai`
- Deploy `smb-development` to: `smb.quantumleap.ai` or `business.quantumleap.ai`

Option B: Unified Deployment with Routing

- Deploy either branch with both `/enterprise/*` and `/smb/*` routes
- Add common landing page at root `/`
- Route users based on their choice

📝 Current Status

✅ **Enterprise Branch**: Stable, backed up, tagged
✅ **SMB Branch**: Created, pushed, ready for development
✅ **Pure Enterprise Tag**: Available for rollback/reference
✅ **Working Branch**: `smb-development` (current)

🎨 Visual Differences

Feature	Enterprise	SMB
Background	Dark, cinematic	Clean white
Colors	Purple, gold, orange	Teal, blue, orange
Design	McKinsey-style, premium	Friendly, accessible
Messaging	Fortune 500, executive	Small business owners
Stats	$170M+, NASA-recognized	Affordable, scalable
Case Studies	Large enterprises	Small businesses

🔐 Branch Protection

Recommended Settings (on GitHub):

1. Require pull request reviews before merging
2. Require status checks to pass
3. Require branches to be up to date before merging
4. Include administrators in restrictions

📌 Quick Links

Main Repository: https://github.com/AICyberSecurity911/WBsite

Branches:
- Enterprise: https://github.com/AICyberSecurity911/WBsite/tree/enterprise-development
- SMB: https://github.com/AICyberSecurity911/WBsite/tree/smb-development

Tags:
- Pure Enterprise v1.0: https://github.com/AICyberSecurity911/WBsite/releases/tag/pure-enterprise-v1.0

✅ Next Steps

Now working on `smb-development` branch. Ready to:

1. Build complete SMB AI Workforce page
2. Create other SMB service pages
3. Build common landing page
4. Deploy SMB version separately

All enterprise code is safe in its own branch! 🎉