🚀 Tech Career Guides - Dynamic Website Transformation Report

Executive Summary

Current State: Static GitHub Pages site with markdown files
Target State: Fully dynamic, interactive web application with modern UX
Estimated Effort: Medium to High complexity
Recommended Approach: React/Next.js SPA with CMS integration

📊 Current Architecture Analysis

What We Have Now

```
Static Site (GitHub Pages + Jekyll)
├── Markdown files (.md) → Static HTML
├── Basic Jekyll templating
├── Minimal interactivity
├── Simple navigation
└── GitHub hosting (free)
```

Current Limitations

1. **No Interactivity**
   - Static pages with no user personalization
   - No search functionality across guides
   - No progress tracking or bookmarks
   - No interactive career path visualizations
2. **Content Management Issues**
   - Manual markdown editing required
   - No content versioning UI
   - Difficult for non-technical contributors
   - No draft/preview workflow
3. **User Experience Gaps**
   - No personalized career recommendations
   - No interactive salary calculators
   - No skill assessment tools
   - No community features (comments, ratings)
4. **Technical Constraints**
   - Limited to GitHub Pages capabilities
   - No backend logic or data processing
   - No user authentication

- No analytics beyond basic tracking

5. **SEO & Performance**
   - Good: Static sites are fast
   - Bad: No dynamic meta tags per user
   - Bad: No structured data optimization
   - Bad: Limited social sharing customization

🎯 Dynamic Website Vision

Target Features & Functionality

1. Interactive Career Path Visualizer

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User Flow:
1. User selects interests/skills
2. System shows personalized career paths
3. Interactive roadmap with milestones
4. Progress tracking across guides
5. Recommended next steps

Technical Requirements:

- Frontend: React Flow or D3.js for visualization
- Backend: Node.js API for personalization logic
- Database: Store user preferences and progress
- State Management: Redux/Zustand for complex UI state

2. Smart Search & Navigation

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Features:
- Full-text search across all guides
- Filter by: Role, Salary, Skills, Industry
- Auto-suggest based on user input
- Related content recommendations
- Search analytics to improve content

Technical Requirements:

- Search Engine: Algolia, ElasticSearch, or MeiliSearch

- Index: All markdown content with metadata
- API: RESTful endpoints for search queries
- Frontend: Instant search with autocomplete

3. Personalized Dashboard

User Dashboard:
- Saved career paths
- Bookmarked sections
- Learning progress tracker
- Salary comparison tools
- Skill gap analysis
- Recommended resources

Technical Requirements:

- Authentication: NextAuth, Auth0, or Clerk
- User Database: PostgreSQL or MongoDB
- Session Management: JWT tokens
- API: CRUD operations for user data

4. Interactive Salary Calculator

Features:
- Location-based salary data
- Experience level adjustment
- Skills premium calculator
- Cost of living comparison
- Negotiation simulator
- Market trend visualization

Technical Requirements:

- Data Source: API integration with Glassdoor/levels.fyi
- Charts: Recharts or Chart.js
- Real-time Updates: WebSocket or polling
- Calculations: Backend logic for accuracy

5. Community Features

Social Elements:
- User comments on guides
- Q&A forums per career path
- Success story submissions
- Mentor matching
- Job board integration
- Networking features

Technical Requirements:

- Comments System: Custom or Disqus alternative
- Forum: Custom or Discourse integration
- Moderation: Admin dashboard
- Notifications: Email + in-app

6. Learning Path Tracker

Features:
- Step-by-step guided paths
- Checkbox completion system
- Estimated time to complete
- Resource recommendations
- Certificate generation
- LinkedIn integration

Technical Requirements:

- Progress System: Database tracking
- Gamification: Points, badges, levels
- Integrations: LinkedIn, GitHub profile
- PDF Generation: Node-pdf for certificates

7. AI-Powered Career Assistant

ChatBot Features:
- Answer career questions
- Recommend resources
- Analyze user skills
- Suggest career paths
- Interview prep help
- Resume review feedback

Technical Requirements:

- AI Model: OpenAI API, Anthropic Claude
- Context: Vector database (Pinecone) with guide content
- Chat UI: Custom React component
- Backend: API routes for AI processing

8. Dynamic Content Management

CMS Features:
- WYSIWYG editor for guides
- Version control and drafts
- Multi-author collaboration
- Content scheduling
- Media library
- SEO optimization tools

Technical Requirements:

- Headless CMS: Sanity, Contentful, or Strapi
- Editor: TipTap or Slate
- Media: Cloudinary or AWS S3
- Workflow: Draft → Review → Publish

Recommended Architecture

Option 1: Full-Stack Modern Architecture (Recommended)

```
Architecture Stack:

Frontend:
├── Next.js 14+ (App Router)
├── React 18+ with TypeScript
├── Tailwind CSS + shadcn/ui
├── React Query for data fetching
├── Zustand for state management
└── Framer Motion for animations

Backend:
├── Next.js API Routes
├── tRPC for type-safe APIs
├── Prisma ORM
├── PostgreSQL database
└── Redis for caching

Services:
├── Vercel (hosting)
├── Supabase (auth + database)
├── Algolia (search)
├── Cloudinary (media)
├── OpenAI (AI features)
└── Stripe (if paid features)

Infrastructure:
├── Git-based deployment
├── Automatic preview URLs
├── Edge functions
├── CDN for assets
└── Analytics (Posthog/Vercel Analytics)
```

Pros:

- Modern, performant stack
- TypeScript end-to-end
- Great developer experience
- Easy to scale
- Strong ecosystem

Cons:

- Learning curve for new tech
- Hosting costs vs free GitHub Pages

- Need to manage database
- More complex deployment

Cost Estimate: $20-50/month (Vercel Pro + DB + Services)

Option 2: Hybrid Approach (Budget-Friendly)

Architecture Stack:

Frontend:
├── Static Next.js (SSG)
├── React components for interactivity
├── TailwindCSS
└── Deploy to Vercel free tier

Backend (Serverless):
├── Vercel Serverless Functions
├── Supabase (free tier)
├── Simple API routes
└── Third-party APIs

Content:
├── Markdown files (keep existing)
├── MDX for interactive components
├── Git-based workflow
└── No complex CMS

Pros:

- Keeps existing content structure
- Low/no hosting costs
- Easier migration path
- Still interactive and dynamic

Cons:

- Limited backend capabilities
- Manual content management
- No advanced features initially
- Scalability concerns

Cost Estimate: $0-20/month (Free tiers mostly)

Option 3: Full Enterprise Solution

Architecture Stack:

Frontend:
├── React or Vue.js SPA
├── Component library (MUI/Ant Design)
├── Advanced state management
└── Micro-frontend architecture

Backend:
├── Node.js with Express/Fastify
├── Microservices architecture
├── GraphQL API
├── Message queue (RabbitMQ)
└── Caching layer (Redis)

Database:
├── PostgreSQL (primary)
├── MongoDB (flexibility)
├── Redis (cache)
└── ElasticSearch (search)

Infrastructure:
├── Docker containers
├── Kubernetes orchestration
├── CI/CD pipelines
├── Multiple environments
└── Load balancing

Pros:

- Highly scalable
- Professional grade
- All features possible
- Team collaboration ready

Cons:

- Very complex
- High costs
- Requires DevOps expertise

- Overkill for current needs

Cost Estimate: $200-500+/month

🎨 UI/UX Transformation Plan

Current Design Issues

1. **Basic Visual Hierarchy**
   - Plain markdown rendering
   - Limited visual interest
   - No branding consistency
   - Text-heavy without breaks
2. **Navigation Challenges**
   - Linear navigation only
   - No breadcrumbs
   - Limited sidebar/TOC
   - No quick jump features
3. **Mobile Experience**
   - Basic responsive design
   - No mobile-first features
   - Touch targets not optimized
   - Limited mobile navigation

Target UI/UX Features

1. Modern Landing Page

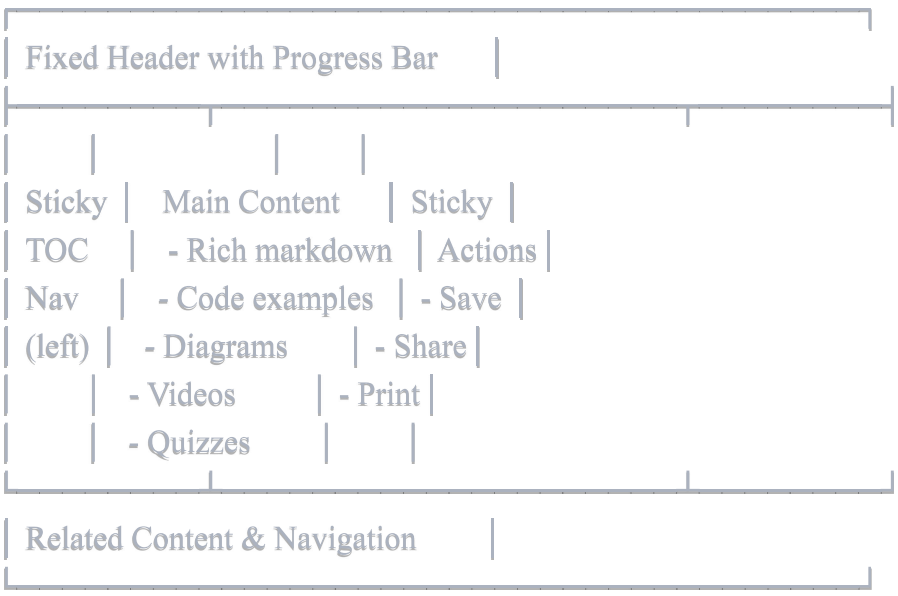
Hero Section:
- Animated gradient background
- Interactive career path wheel
- Dynamic statistics counter
- Video introduction option
- Clear CTAs with hover effects

Features Grid:
- Icon-based feature cards
- Hover animations
- Interactive previews
- Social proof elements
- Trust indicators

Career Paths:
- Card-based layout
- Hover for details
- Quick stats overlay
- Animated transitions
- Filter/sort options

2. Enhanced Guide Pages

Layout:



Components:

- Syntax-highlighted code blocks
- Expandable sections
- Embedded videos/podcasts
- Interactive quizzes
- Salary calculators inline
- Skill requirement checklists
- Resource cards with previews
- Comment sections
- Share buttons
- Reading progress indicator

3. Interactive Career Roadmap

Visualization Types:
1. Timeline View (horizontal scrolling)
2. Tree/Network View (skills relationships)
3. Kanban Board (learning stages)
4. Gantt Chart (time-based planning)
5. Mind Map (connected concepts)

Features:
- Drag and drop customization
- Zoom in/out capability
- Export as image/PDF
- Share custom roadmaps
- Print-friendly version
- Mobile-optimized view

4. Personalized Dashboard

Dashboard Sections:

1. Quick Stats
   - Learning progress %
   - Guides completed
   - Time invested
   - Skills gained

2. Current Path
   - Active guide
   - Next milestone
   - Suggested resources
   - Time estimate

3. Saved Items
   - Bookmarks
   - Notes
   - Downloads
   - History

4. Community
   - Forum activity
   - Messages
   - Mentor connection
   - Network updates

5. Recommendations
   - Based on progress
   - Trending content
   - Similar users' paths
   - Job opportunities

5. Mobile-First Design

Mobile Features:
- Bottom navigation bar
- Swipe gestures
- Pull to refresh
- Progressive Web App (PWA)
- Offline reading mode
- Native-like animations
- Touch-optimized controls
- Mobile-specific shortcuts

💾 Data Model Design

Database Schema (Simplified)


typescript

```
// Users
User {
  id: UUID
  email: string
  name: string
  avatar: string
  preferences: JSON
  created_at: timestamp
  last_login: timestamp
}

// User Progress
UserProgress {
  id: UUID
  user_id: UUID (FK)
  guide_id: string
  section_id: string
  completed: boolean
  progress_percent: number
  time_spent: number
  last_accessed: timestamp
}

// Career Paths
CareerPath {
  id: UUID
  user_id: UUID (FK)
  path_type: string
  current_stage: string
  start_date: date
  target_date: date
  milestones: JSON[]
  custom_data: JSON
}

// Bookmarks
Bookmark {
  id: UUID
  user_id: UUID (FK)
  guide_id: string
  section_id: string
```

```
  note: text
  created_at: timestamp
}

// Comments
Comment {
  id: UUID
  user_id: UUID (FK)
  guide_id: string
  section_id: string
  content: text
  likes: number
  created_at: timestamp
  updated_at: timestamp
}

// Guides (Metadata)
Guide {
  id: string (slug)
  title: string
  description: text
  category: string
  tags: string[]
  content: text (markdown)
  views: number
  likes: number
  updated_at: timestamp
  author_id: UUID (FK)
}

// Resources
Resource {
  id: UUID
  guide_id: string (FK)
  type: enum (book, course, video, tool)
  title: string
  url: string
  description: text
  rating: number
  votes: number
}
```

```
// Salary Data
SalaryData {
  id: UUID
  role: string
  location: string
  experience_level: string
  salary_min: number
  salary_max: number
  currency: string
  company_size: string
  industry: string
  updated_at: timestamp
  source: string
}

// User Skills
UserSkill {
  id: UUID
  user_id: UUID (FK)
  skill_name: string
  proficiency_level: number (1-5)
  years_experience: number
  verified: boolean
}
```

🔧 Technical Implementation Roadmap

Phase 1: Foundation (Weeks 1-4)

Goals:

- Migrate to Next.js
- Setup basic project structure
- Convert markdown to MDX
- Implement core UI components

Tasks:

1. Initialize Next.js project with TypeScript
2. Setup Tailwind CSS + component library
3. Create page layouts and routing
4. Convert markdown to MDX format
5. Build reusable UI components

6. Setup Git workflow and deployment

Deliverables:

- Working Next.js site with all content
- Basic navigation and routing
- Responsive design
- Deployed to Vercel

Phase 2: Core Features (Weeks 5-8)

Goals:

- Add search functionality
- Implement user authentication
- Create personalized dashboard
- Build progress tracking

Tasks:

1. Integrate search (Algolia/MeiliSearch)
2. Setup authentication (NextAuth)
3. Design and build dashboard
4. Implement progress tracking system
5. Add bookmark functionality
6. Create user profile pages

Deliverables:

- Full-text search across guides
- User accounts and profiles
- Dashboard with progress tracking
- Bookmark and save features

Phase 3: Interactive Features (Weeks 9-12)

Goals:

- Career path visualizer
- Salary calculator
- Interactive roadmaps
- Community features

Tasks:

1. Build career path visualization
2. Implement salary calculator with real data
3. Create interactive roadmap builder
4. Add comments system
5. Build Q&A forum
6. Implement sharing features

Deliverables:

- Interactive career path tool
- Working salary calculator
- Custom roadmap builder
- Community features active

Phase 4: Advanced Features (Weeks 13-16)

Goals:

- AI-powered assistant
- Advanced analytics
- Mobile app (PWA)
- CMS integration

Tasks:

1. Integrate AI chatbot (OpenAI)
2. Setup analytics tracking
3. Convert to PWA
4. Integrate headless CMS
5. Add advanced personalization
6. Implement gamification

Deliverables:

- AI career assistant
- Comprehensive analytics
- PWA with offline mode
- Content management system
- Personalized recommendations

Phase 5: Polish & Launch (Weeks 17-20)

Goals:

- Performance optimization
- SEO enhancement
- Testing and QA
- Marketing preparation

Tasks:

1. Performance audits and optimization
2. SEO optimization (meta tags, schema)
3. Comprehensive testing
4. Bug fixes and refinements
5. Documentation
6. Marketing materials

Deliverables:

- Optimized, production-ready site
- Full SEO implementation
- Comprehensive testing report

- Launch-ready platform

🎛️ Feature Prioritization Matrix

Must-Have (MVP)

- ✅ Modern, responsive UI
- ✅ Fast page load times
- ✅ Search functionality
- ✅ User authentication
- ✅ Progress tracking
- ✅ Bookmarks/saves
- ✅ Mobile optimization

Should-Have (V1.1)

- 🟡 Career path visualizer
- 🟡 Salary calculator
- 🟡 Interactive roadmaps
- 🟡 Comments system
- 🟡 Social sharing
- 🟡 Analytics dashboard

Nice-to-Have (V2.0)

- 🟢 AI career assistant
- 🟢 Forum/community
- 🟢 Mentor matching
- 🟢 Job board integration
- 🟢 Advanced gamification
- 🟢 Native mobile app

Future Considerations (V3.0+)

- 🔵 Premium subscription tier
- 🔵 Video course platform
- 🔵 Live mentorship sessions
- 🔵 Company partnerships
- 🔵 Career coaching services
- 🔵 International expansion

💰 Cost Analysis

Development Costs

Option A: Hire Developer(s)

Freelance Developer (Mid-Level):
- Rate: $50-80/hour
- Time: 400-600 hours for MVP
- Total: $20,000 - $48,000

Development Agency:
- Fixed Price: $30,000 - $80,000
- Timeline: 3-6 months
- Includes: Design + Development + Testing

Option B: Build In-House

If You Have Technical Skills:
- Time Investment: 3-6 months part-time
- Learning Curve: 2-4 weeks for new tech
- Cost: $0 (your time) + hosting costs
- Maintenance: Ongoing time commitment

Hosting & Services (Monthly)

Minimal Setup

Vercel Free Tier:	$0
Supabase Free Tier:	$0
Algolia Free Tier:	$0
Cloudinary Free:	$0
Domain:	$1/month
Total:	$1/month

Production Setup

```
Vercel Pro:              $20/month
Supabase Pro:            $25/month
Algolia Standard:        $50/month
Cloudinary Basic:        $89/month (or AWS S3 $5)
OpenAI API:              $20-100/month (usage-based)
Domain + SSL:            $2/month
Email Service:           $10/month
Monitoring:              $10/month
-------------------------------------------
Total:                   $136-300/month
```

Enterprise Setup

```
Vercel Enterprise:       $250+/month
Database Hosting:        $100+/month
Search (Algolia):        $500+/month
CDN & Storage:           $100+/month
AI Services:             $200+/month
DevOps Tools:            $100+/month
Monitoring:              $50+/month
Security:                $100+/month
-------------------------------------------
Total:                   $1,400+/month
```

🎯 Migration Strategy

Current Site → Dynamic Site Transition

Approach 1: Gradual Migration (Recommended)

Week 1-2:
- Setup new Next.js project
- Keep GitHub Pages running
- Develop on new domain/subdomain

Week 3-4:
- Migrate core content
- Build basic features
- Test thoroughly

Week 5-6:
- Add dynamic features
- User testing
- Bug fixes

Week 7-8:
- Performance optimization
- SEO migration
- DNS cutover (redirect old → new)

Post-Launch:
- Monitor analytics
- Fix issues
- Iterate based on feedback

Pros:

- No downtime
- Can test before switching
- Safe fallback option
- Gradual feature rollout

Cons:

- Maintain two sites temporarily
- More complex process
- Longer timeline

Approach 2: Complete Rewrite

Month 1-2:
- Build entire new site
- All features implemented
- Comprehensive testing

Month 3:
- Content migration
- URL redirects
- Final QA

Launch Day:
- DNS switch
- Close old site
- Full launch

Pros:

- Clean slate
- All features at once
- Single launch event

Cons:

- High risk
- Longer blackout period
- All-or-nothing approach

🔍 SEO Considerations

Dynamic Site SEO Strategy

1. Server-Side Rendering (SSR)

javascript

```
// Next.js SSR for SEO
export async function generateMetadata({ params }) {
  const guide = await getGuideData(params.slug);

  return {
    title: guide.title,
    description: guide.description,
    openGraph: {
      title: guide.title,
      description: guide.description,
      images: [guide.ogImage],
    },
    twitter: {
      card: 'summary_large_image',
      title: guide.title,
      description: guide.description,
      images: [guide.twitterImage],
    },
  };
}
```

2. Structured Data

json

```
{
  "@context": "https://schema.org",
  "@type": "EducationalOrganization",
  "name": "Tech Career Guides",
  "description": "Comprehensive career guides...",
  "offers": {
    "@type": "Offer",
    "category": "Career Development",
    "price": "0",
    "priceCurrency": "USD"
  }
}
```

3. URL Structure

Current: /01_Software_Engineering_Careers
Better: /careers/software-engineering
/careers/software-engineering/frontend
/careers/software-engineering/salary

4. Performance Metrics

- Target Lighthouse Score: 90+
- First Contentful Paint: < 1.5s
- Time to Interactive: < 3.5s
- Cumulative Layout Shift: < 0.1

🚀 Quick Wins (Immediate Improvements)

Can Implement Now (Without Full Rebuild)

1. **Add Table of Contents Script**
   - JavaScript to generate TOC
   - Smooth scroll to sections
   - Progress indicator
2. **Search Widget**
   - Google Custom Search
   - Or simple JavaScript search
   - Client-side filtering
3. **Dark Mode Toggle**
   - CSS variables for themes
   - LocalStorage persistence
   - Respect system preference
4. **Interactive Elements**
   - Salary range sliders
   - Skill checklists
   - Expandable sections
   - Copy code buttons
5. **Better Mobile Menu**
   - Hamburger menu
   - Slide-out navigation
   - Bottom nav bar
6. **Social Proof**
   - View counters
   - GitHub stars
   - Newsletter subscribers
7. **Better Formatting**
   - Callout boxes
   - Info/warning/tip styles
   - Progress bars
   - Better tables

📋 Final Recommendations

For Your Specific Case

Recommended Approach: Option 1 - Full-Stack Modern Architecture

Reasoning:

1. You have comprehensive, high-quality content
2. Career guidance benefits from interactivity
3. User accounts add significant value
4. Future monetization potential
5. Professional appearance builds trust

Recommended Timeline:

- Months 1-2: Foundation & Core Features
- Months 3-4: Interactive Features & Testing
- Month 5: Polish & Launch
- Ongoing: Iterate based on user feedback

Estimated Investment:

- Development: 400-600 hours
- Hosting: $50-150/month
- Total First Year: $600-1,800 (hosting only if self-built)

Key Success Metrics:

- User Engagement: Time on site, pages per session
- Feature Usage: Search, bookmarks, dashboard usage
- Conversion: Newsletter signups, community participation
- Growth: Monthly active users, returning visitors

🎨 Visual Design Mockup Suggestions

Modern Design Trends for 2025

1. **Glassmorphism**
   - Frosted glass effects
   - Subtle backgrounds
   - Layered depth
2. **Neumorphism (Subtle)**
   - Soft shadows
   - Subtle highlights
   - Minimal depth
3. **Gradient Meshes**
   - Smooth color transitions
   - Abstract backgrounds
   - Modern aesthetic
4. **3D Elements**
   - Subtle 3D illustrations
   - Isometric views

    - Depth and shadows
5. **Micro-interactions**
    - Hover effects
    - Loading animations
    - Feedback responses
6. **Bold Typography**
    - Large headings
    - Clear hierarchy
    - Readable body text

🔗 Technology Stack Comparison

Next.js vs Alternatives

Feature	Next.js	Gatsby	Remix	Astro
SSR	✅ Excellent	⚠️ Plugin	✅ Native	✅ Optional
SSG	✅ Native	✅ Excellent	⚠️ Limited	✅ Native
Learning Curve	Medium	Medium	Medium-High	Low-Medium
Performance	Excellent	Excellent	Excellent	Excellent
Community	Very Large	Large	Growing	Growing
Best For	Full-stack apps	Content sites	Data-heavy apps	Content-first

Verdict: Next.js 14+ with App Router is the best choice for your use case.

📝 Prompt Template for Development

I need help building a fully dynamic, interactive career guidance website.

CURRENT STATE:
- Static GitHub Pages site with markdown files
- 5 comprehensive career guides (Software Eng, Data/AI, Cloud, Cybersecurity, DevOps)
- 50+ roles covered with salary data and roadmaps
- All content in markdown format

TARGET STATE:
- Modern, interactive web application
- User accounts with personalized dashboards
- Career path visualization tools
- Interactive salary calculators
- Search functionality across all guides
- Progress tracking and bookmarks
- Community features (comments, Q&A)
- Mobile-optimized with PWA support

TECHNICAL REQUIREMENTS:
- Next.js 14+ with TypeScript
- Tailwind CSS + shadcn/ui components
- Supabase for auth and database
- Algolia for search
- Deploy to Vercel
- Keep existing markdown content

PRIORITY FEATURES (MVP):
1. Responsive UI with modern design
2. User authentication (email + OAuth)
3. Personalized dashboard
4. Full-text search
5. Bookmark and save system
6. Progress tracking
7. Mobile optimization

NICE-TO-HAVE:
- AI-powered career assistant (OpenAI)
- Interactive career path visualizer
- Real-time salary calculator
- Community forum
- Gamification elements

CONSTRAINTS:
- Budget-conscious (use free tiers where possible)
- Must be performant (90+ Lighthouse score)
- SEO-friendly (SSR for all content)
- Accessible (WCAG 2.1 AA compliant)

Please provide:
1. Detailed architecture plan
2. Database schema design
3. Component structure
4. API route design
5. Step-by-step implementation guide
6. Code examples for key features
7. Deployment instructions

Focus on creating a production-ready, scalable solution that can grow with the user base.

✅ Action Items Checklist

Before Starting Development

- [ ] Review all current content and features
- [ ] Define MVP scope clearly
- [ ] Choose technology stack
- [ ] Estimate timeline and budget
- [ ] Setup development environment
- [ ] Create project roadmap
- [ ] Design mockups/wireframes
- [ ] Setup version control

During Development

- [ ] Follow agile methodology
- [ ] Regular testing and QA
- [ ] Performance monitoring
- [ ] Security audits
- [ ] User testing sessions
- [ ] Documentation updates
- [ ] Code reviews

Before Launch

- [ ] Comprehensive testing

- [ ] SEO optimization
- [ ] Performance optimization
- [ ] Security hardening
- [ ] Backup strategy
- [ ] Monitoring setup
- [ ] Marketing preparation
- [ ] Support documentation

Post-Launch

- [ ] Monitor analytics
- [ ] Gather user feedback
- [ ] Bug fixes
- [ ] Performance optimization
- [ ] Feature iterations
- [ ] Content updates
- [ ] Community management

🎉 Conclusion

Transforming your static site into a fully dynamic web application is a significant but worthwhile undertaking. The combination of high-quality content and modern interactive features will create an exceptional user experience that sets your career guides apart from competitors.

Recommended Next Steps:

1. Review this report and validate the approach
2. Define exact MVP scope
3. Create detailed design mockups
4. Use the prompt template above to get started
5. Begin with Phase 1 (Foundation)
6. Iterate based on user feedback

Expected Outcome: A modern, interactive career guidance platform that provides personalized experiences, tracks user progress, and builds a community around career development in tech.

Document Version: 1.0
Last Updated: 2025-10-25
Prepared For: Tech Career Guides Dynamic Transformation
Estimated Reading Time: 45 minutes