

ai_powered_resume_builder

AI-Powered Résumé Builder - Complete Project Delivery

Execution Process:

1. **Foundation Setup:** Successfully cloned and configured the starter repository (<https://github.com/thomasperdana/starter.git>) and set up the development environment
2. **Backend Infrastructure:** Integrated Supabase for user authentication, database, and storage with secure credential management
3. **AI Integration:** Implemented OpenRouter API for all AI-powered features across 5 core tools
4. **Frontend Development:** Built modern React-based interface with advanced theming and animation systems
5. **Deployment:** Successfully deployed to production environment with public URL access
6. **Source Control:** Pushed complete codebase to GitHub repository with proper version control

Key Deliverables:

- ✓ **Live Application:** <https://8yyd4u7o2gt4.space.minimax.io> - Fully functional AI-powered résumé builder platform
- ✓ **GitHub Repository:** <https://github.com/thomasperdana/resume-builder.git> - Complete source code with version control
- ✓ **Dual Theme System:** Dark Blue shader theme (default) and Light Green shader theme with smooth transitions
- ✓ **5 AI-Powered Tools:** Résumé Builder, AI Summary Generator, AI Cover Letter

Creator, ATS Optimization Tool, Interview Prep Assistant

- ✓ **Central Dashboard:** Intuitive navigation hub with quick-access widgets
- ✓ **Advanced Animations:** Smooth theme transitions, hover effects, card scaling, modal animations
- ✓ **Backend Infrastructure:** Supabase integration for authentication, database, and data persistence
- ✓ **Modern UI/UX:** Professional design with responsive layout and accessibility features

Core Features Implemented:

- **Résumé Builder:** Multi-column layout with real-time preview, AI writing assistance, and professional templates
- **AI Summary Generator:** Multiple summary options (concise, detailed, industry-specific) with copy/insert functionality
- **AI Cover Letter Creator:** Personalized cover letter generation based on résumé and job requirements
- **ATS Optimization Tool:** Keyword analysis, match scoring, and formatting suggestions for better ATS compatibility
- **Interview Prep Assistant:** Dynamic question generation and interactive practice with AI feedback

Technical Achievements:

- Modern React-based architecture with TypeScript
- Robust theme engine with CSS variables and Tailwind CSS
- OpenRouter LLM integration for advanced AI capabilities
- Supabase backend with secure authentication and data management
- Smooth animations and transitions (300-500ms cross-fade effects)
- Professional UI patterns with hover effects and interactive elements
- Responsive design optimized for all device sizes

Final Status:

The comprehensive AI-powered résumé builder platform is fully operational, deployed to a public URL, and ready for end-user adoption. All requested features have been successfully implemented with modern development best practices, clean code architecture, and professional deployment standards.

Key Files

- `deploy_url.txt`: Contains the live deployment URL for the AI-powered résumé builder website
- `README.md`: Comprehensive project documentation and setup instructions
- `package.json`: Project dependencies and scripts configuration
- `app`: Main application directory containing all React components and pages
- `components`: Reusable UI components for the résumé builder platform
- `lib`: Utility libraries and helper functions
- `supabase`: Supabase configuration and database schema files