Horizon Career Platform - Documentation Index

Complete documentation package for the Horizon Career Platform

Generated: November 22, 2025

Version: 1.0.0

📚 Available Documentation

1. DOCUMENTATION.pdf (543 KB)

Complete Technical Documentation

Comprehensive guide covering all aspects of the platform:

- Executive Summary
- System Architecture
- All Features & Modules (detailed)
- Technology Stack
- Installation & Setup
- Database Schema & Queries
- API Documentation
- AI Integration Details
- User Guide
- Development Guide
- Deployment Instructions
- Troubleshooting
- Future Roadmap

Best for: Developers, technical leads, system architects

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2. QUICK_START_GUIDE.pdf (255 KB)

5-Minute Setup Guide

Fast-track guide to get running quickly:

- Prerequisites checklist
- Step-by-step installation
- Environment configuration
- Database setup
- Launch instructions
- Common user flows
- Quick troubleshooting
- Essential commands

Best for: New developers, quick setup, onboarding

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3. API_REFERENCE.pdf (389 KB)

Complete API Reference

Detailed API documentation:

- All endpoints with examples
- Request/response formats
- Authentication guide
- Error handling
- Rate limiting
- SDK examples (JS/Python)
- Best practices
- Testing guide

Best for: API integration, backend developers, third-party developers

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🎯 Quick Access by Role

For Developers

1. Start with **QUICK_START_GUIDE.pdf**
2. Reference **DOCUMENTATION.pdf** for architecture
3. Use **API_REFERENCE.pdf** for integration

For Product Managers

1. Read Executive Summary in **DOCUMENTATION.pdf**
2. Review Features section
3. Check Future Roadmap

For DevOps/Deployment

1. Jump to Deployment section in **DOCUMENTATION.pdf**
2. Review Environment Variables reference
3. Check Troubleshooting guide

For API Users

1. Start with **API_REFERENCE.pdf**
2. Test with provided curl examples
3. Implement SDK code samples

📖 Documentation Features

All documents include:

- ✅ Table of contents with navigation
- ✅ Code examples with syntax highlighting
- ✅ Clear diagrams and tables
- ✅ Step-by-step instructions
- ✅ Troubleshooting sections
- ✅ Real-world examples
- ✅ Best practices

🔍 Key Topics Coverage

Technical

- React 18 + Vite architecture

- Google Gemini AI integration
- LangChain multi-agent system
- Supabase database design
- Express.js backend API
- TensorFlow.js implementation

Features

- AI Resume Builder
- ATS Scoring (100-point scale)
- Interview Simulator
- Career Discovery
- Learning Roadmaps
- Job Search Integration
- Skill Graph Visualization
- 8-Agent Career Swarm

Operations

- Environment setup
- Database migrations
- Deployment strategies
- Monitoring & logging
- Error handling
- Performance optimization

📝 Additional Resources

Markdown Sources

All PDFs generated from markdown files:

- `DOCUMENTATION.md` → `DOCUMENTATION.pdf`
- `QUICK_START_GUIDE.md` → `QUICK_START_GUIDE.pdf`
- `API_REFERENCE.md` → `API_REFERENCE.pdf`

You can edit the markdown files and regenerate PDFs:

```
npx md-to-pdf DOCUMENTATION.md
```

Online Resources

- **GitHub Repository:** https://github.com/Vaasu08/merged-app
- **Issues & Support:** https://github.com/Vaasu08/merged-app/issues
- **Pull Request:** https://github.com/Vaasu08/merged-app/pull/14

🚀 Getting Started

1. **First time?** → Read `QUICK_START_GUIDE.pdf`
2. **Need details?** → Reference `DOCUMENTATION.pdf`
3. **Building integration?** → Use `API_REFERENCE.pdf`

�� Document Statistics

Document	Pages	Size	Topics Covered
Complete Documentation	~50	543 KB	14 major sections
Quick Start Guide	~10	255 KB	6 key workflows
API Reference	~25	389 KB	20+ endpoints

Total: ~85 pages of comprehensive documentation

🔄 Updates

This documentation reflects the current state of the platform as of November 22, 2025.

To regenerate documentation after code changes:

```
# Update markdown files first, then:
npx md-to-pdf DOCUMENTATION.md
npx md-to-pdf QUICK_START_GUIDE.md
npx md-to-pdf API_REFERENCE.md
```

✅ Verification Checklist

Before using the platform, ensure you have:

- ☐ Read the Quick Start Guide
- ☐ Set up environment variables
- ☐ Created Supabase account
- ☐ Obtained Gemini API key
- ☐ Run database setup scripts
- ☐ Tested both frontend and backend
- ☐ Reviewed API documentation

Documentation Package Version: 1.0.0
Platform Version: 1.0.0
Last Updated: November 22, 2025

All documentation files are located in the root directory of the project.