

Intelligent Resume Generator - Setup Instructions

Prerequisites

Before you begin, ensure you have the following installed on your system:

- Node.js (version 18 or higher)
- npm (comes with Node.js)
- A modern web browser (Chrome, Firefox, Safari, or Edge)
- Quick Setup on Replit

This project is designed to run seamlessly on Replit:

- Fork this Repl or Import from GitHub
- Click the Run button - Dependencies will be automatically installed
- Open the preview in a new tab for the best experience

The application will be available at the provided Replit URL.

Local Development Setup

If you want to run this locally:

- Clone the Repository

```
git clone <your-repository-url>  
cd intelligent-resume-generator
```

- Install Dependencies

```
npm install
```

- Start Development Server

```
npm run dev
```

The application will be available at <http://localhost:5173>

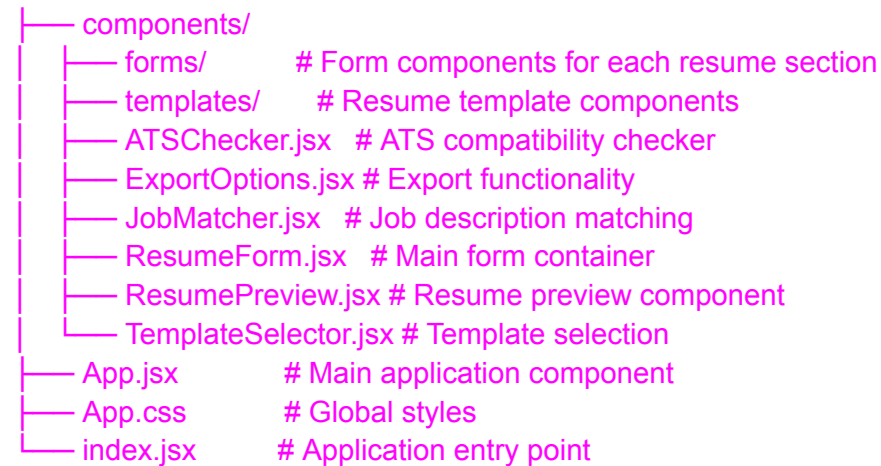
- Build for Production

```
npm run build
```

The built files will be in the dist directory.

Project Structure

src/



Key Features

- AI-Powered Content Suggestions: Smart recommendations for resume content
- ATS Compatibility Checking: Real-time analysis of resume compatibility
- Multiple Export Formats: PDF, HTML, TXT, and JSON exports
- Job Description Matching: Optimization suggestions based on job postings
- 3 Professional Templates: Classic, Modern, and Creative designs
- Local Data Storage: Secure client-side data persistence

Technology Stack

- Frontend: React 18 with modern hooks
- Build Tool: Vite for fast development and optimized builds
- Styling: Custom CSS with responsive design
- State Management: React useState and useEffect hooks
- Data Persistence: localStorage for client-side storage
- Export: Browser APIs for file generation

Browser Support

- Chrome 90+
- Firefox 88+
- Safari 14+
- Edge 90+

Troubleshooting

Common Issues

- Dependencies not installing: Run npm install again
- Port already in use: The app uses port 5173 by default
- Preview not loading: Try refreshing the browser or opening in a new tab

Development Tips

- Use the browser's developer tools to inspect the application
- Check the console for any error messages
- The app saves data automatically to localStorage

Contributing

- Fork the repository
- Create a feature branch
- Make your changes
- Test thoroughly
- Submit a pull request

Support

For issues or questions

- Check the troubleshooting section above
- Review the user guide documentation
- Open an issue in the repository