

Portfolio Updates - December 27, 2025

Changes Completed

1. Skills Section - Enhanced Text Clarity

Problem: Background image in Skills & Technologies section was interfering with text readability.

Solution:

- Reduced background image opacity from 0.2 to 0.08
- Added blur effect (2px) to background image
- Enhanced skill card backgrounds with darker, more opaque overlay (rgba(17, 24, 39, 0.85))
- Increased backdrop blur from 12px to 20px for better card visibility
- Added z-index positioning to ensure cards appear above background

Result: All text in the skills section is now clearly visible and easy to read, while maintaining the aesthetic background element.

2. Profile Photo Section - Added to About Me

Addition: Professional profile photo placeholder in the About Me section

Layout Changes:

- Restructured About section from 2-column to 3-column grid
- Added 300px profile photo column on the left
- Professional Summary and Core Expertise now share the remaining space
- Made Professional Summary more concise (removed redundant text)

Profile Photo Features:

- Square aspect ratio (1:1) with elegant border and gradient background
- Hover effects with smooth transitions
- Responsive design:
 - Desktop (>1024px): 300px width
 - Tablet (768-1024px): 280px centered
 - Mobile (<768px): 250px centered
- Shows user icon placeholder until you add your photo
- Professional shadow and glow effects matching the AI/ML theme

How to Add Your Photo:

1. Save your professional photo as `profile.jpg` in `assets/images/` folder
2. Open `index.html` and go to line ~167
3. Replace this:
````html`

`With this: html`

Your Name

...

### **Recommended Photo Specs:**

- Square aspect ratio (1:1)
  - Minimum 600x600 pixels
  - Professional headshot or portrait
  - Good lighting
  - Clean background
  - JPG, PNG, or WebP format
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## **Files Modified**

### **CSS Changes ( style.css ):**

1. **Skills Section Styling** (lines 866-905)
  - Background opacity and blur
  - Card backgrounds and z-index
2. **About Section Styling** (lines 737-809)
  - Added profile photo styles
  - Grid layout restructure
  - Responsive breakpoints
3. **Responsive Design** (lines 1777-1831)
  - Added profile photo responsive styles
  - Ensured proper display on all screen sizes

### **HTML Changes ( index.html ):**

1. **About Section** (lines 161-210)
  - Added profile photo column
  - Shortened professional summary
  - Restructured layout

### **Documentation Updates ( README.md ):**

- Added “Add Your Profile Photo” as Step 1 in Customization Guide
  - Includes detailed instructions and photo specifications
  - Renumbered subsequent sections
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## **Testing Completed**

-  Text visibility in Skills section - **Excellent clarity**
  -  Profile photo placeholder displays correctly
  -  Responsive design on all screen sizes
  -  Hover effects working smoothly
  -  Layout balance maintained
  -  Color scheme consistency preserved
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## Next Steps

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### 1. Add Your Profile Photo:

- Take or select a professional headshot
- Crop to square (1:1) aspect ratio
- Save as assets/images/profile.jpg
- Update the HTML as described above

### 2. Test Locally:

```
bash
cd /home/ubuntu/ai_ml_portfolio
python3 -m http.server 8080
```

Open <http://localhost:8080> in your browser

### 3. Deploy to GitHub Pages:

- Follow instructions in `GITHUB_PAGES_DEPLOYMENT.md`
- Push all files to your repository
- Your live site will automatically update



## Design Notes

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### Color Palette Maintained:

- Profile photo border uses existing AI/ML gradient (blue to purple)
- Card backgrounds match the existing dark theme
- All hover effects consistent with site-wide styling

### Performance:

- No additional JavaScript required
- CSS-only animations for smooth performance
- Optimized for fast loading

### Accessibility:

- Proper alt text for profile image
- Semantic HTML structure
- Keyboard navigation support
- Screen reader friendly

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**Status:** All changes completed and tested successfully!