◔ Complete UI Components Catalog

This document contains all available components from the UI libraries used in this portfolio project.

📚 Table of Contents

✳ Aceternity UI

Source: https://ui.aceternity.com/components

Hero & Background Components

- **Hero Sections** - Multiple pre-built hero layouts
- **Spotlight** - Attention-grabbing spotlight effect
- **Spotlight New** - Updated version with left/right spotlights
- **Aurora Background** - Subtle northern lights background
- **Background Beams** - Multiple SVG beams following paths
- **Background Beams With Collision** - Exploding beam effects
- **Background Lines** - Wave pattern SVG paths (as seen on height.app)
- **Background Ripple Effect** - Clickable grid ripple cells
- **Background Boxes** - Full-width highlighting box containers
- **Background Gradient** - Animated gradient backgrounds
- **Background Gradient Animation** - Smooth gradient position changes
- **Dotted Glow Background** - Opacity animation with glow
- **Google Gemini Effect** - SVG effects from Google Gemini
- **Grid and Dot Backgrounds** - Simple grid/dots for sections
- **Hero Highlight** - Background with text highlight
- **Hero Parallax** - Scroll rotation, translation, opacity
- **Shooting Stars and Stars Background** - Starry background with shooting stars
- **Sparkles** - Configurable sparkles component
- **Vortex Background** - Wavy, swirly background for CTAs
- **Wavy Background** - Moving wave effects

Card Components

- **3D Card Effect** - Hover perspective elevation
- **Card Spotlight** - Radial gradient reveal on hover

- **Card Stack** - Cards stacking with intervals
- **Cards** - Multiple card variations
- **Comet Card** - 3D Tilt card (Perplexity Comet style)
- **Draggable Card** - Tiltable, draggable with bounce
- **Evervault Card** - Encrypted text with gradient hover
- **Expandable Cards** - Click to expand with more info
- **Focus Cards** - Hover to focus, blur others
- **Glare Card** - Glare effect on hover (Linear style)
- **Glowing Effect** - Adaptive border glow (Cursor style)
- **Glowing Background Stars Card** - Animated star backgrounds
- **Wobble Card** - Translate/scale on mousemove
- **3D Cards** - Various 3D card effects

Text & Typography

- **Animated Testimonials** - Minimal testimonial sections
- **Colourful Text** - Various colors, filters, scales
- **Container Text Flip** - Word-flipping animation
- **Encrypted Text** - Gradual gibberish reveal
- **Flip Words** - Flips through word lists
- **Layout Text Flip** - Layout-changing text flip
- **Text Generate Effect** - Fade-in text on load
- **Text Hover Effect** - Gradient outline on hover (x.ai style)
- **Text Reveal Card** - Mousemove text reveal
- **Typewriter Effect** - Typing animation
- **Pointer Highlight** - Text highlighting with pointer

Navigation & Layout

- **Floating Navbar** - Sticky navbar, hides on scroll, reveals on scroll up
- **Floating Dock** - macOS-style dock navigation
- **Resizable Navbar** - Width changes on scroll
- **Sidebar** - Expandable on hover, mobile responsive
- **Navbar Menu** - Animated children on hover
- **Timeline** - Sticky header with scroll beam

Grids & Layouts

- **Bento Grid** - Skewed grid with title/description
- **Feature Sections** - Bento grids to simple layouts
- **Layout Grid** - Framer Motion layout animation
- **Parallax Grid Scroll** - Opposite direction column scrolling

Animation & Effects

- **3D Marquee** - 3D marquee with grid
- **3D Animated Pin** - Gradient pin animation on hover

- **Animated Modal** - Compound modal with transitions
- **Animated Tooltip** - Mouse-following tooltip
- **Canvas Reveal Effect** - Dot background expansion (Clerk style)
- **Compare** - Slide/drag image comparison
- **Container Cover** - Beams and space effect wrapper
- **Container Scroll Animation** - 3D rotation on scroll
- **Direction Aware Hover** - Smart hover direction detection
- **File Upload** - Drag and drop with micro-interactions
- **Following Pointer** - Custom animated pointer
- **Hover Border Gradient** - Expanding gradient border
- **Hover Effect** - Sliding hover effect between cards
- **Images Slider** - Full-page keyboard-navigable slider
- **Infinite Moving Cards** - Looping card carousel
- **Lamp Section Header** - Linear-style lamp effect
- **Lens** - Zoom into images/videos
- **Link Preview** - Dynamic anchor tag previews
- **Meteor Effect** - Meteor-like background beams
- **Moving Border** - Animated moving borders
- **Pixelated Canvas** - Mouse distortion pixel effects
- **SVG Mask Effect** - Cursor hover mask reveal
- **Tracing Beam** - SVG path-following beam
- **Macbook Scroll** - Image emerging from screen (Fey.com style)
- **Tooltip Card** - Mouse-following tooltip card

Interactive Elements

- **Animated Tabs** - Background animation on tab click
- **Apple Cards Carousel** - Apple.com style carousel
- **Carousel** - Customizable micro-interaction carousel
- **GitHub Globe** - Interactive GitHub homepage globe
- **World Map** - Animated lines and dots
- **Placeholders And Vanish Input** - Sliding placeholders, vanish on submit
- **Signup Form** - Shadcn + Framer Motion form
- **Stateful Button** - Loading and success states

Utility Components

- **Code Block** - react-syntax-highlighter based
- **Loaders** - Simple minimal loaders
- **Multi Step Loader** - Progress for long operations
- **Sticky Banner** - Top banner, hides on scroll down
- **Sticky Scroll Reveal** - Sticky container text reveal
- **Tailwind CSS Buttons** - Curated button collection

✨ Magic UI

Animation Components

- **Animated Beam** - Connected beam animations
- **Animated Circular Progress Bar** - Circular progress indicators
- **Animated Gradient Text** - ✅ INSTALLED - Gradient color animation
- **Animated Grid Pattern** - ✅ INSTALLED - Animated grid backgrounds
- **Animated List** - Sequential list animations
- **Animated Shiny Text** - ✅ INSTALLED - Shimmering text effect
- **Theme Toggler** - Animated dark/light mode toggle
- **Aurora Text** - Aurora-style text effects
- **Blur Fade** - Blur transition animations
- **Hyper Text** - Scrambling letter reveal animation
- **Letter Pullup** - Letter pull-up animation

Interactive Elements

- **Android** - Android-style components
- **Avatar Circles** - Grouped avatar displays
- **Confetti** - 🎊 Celebration animations with multiple variants:
  - Basic Cannon
  - Random Direction
  - Fireworks
  - Side Cannons
  - Stars
  - Custom Shapes
  - Emoji
- **Cool Mode** - Fun interaction effects
- **Dock** - 🖐 macOS-style magnifying dock with:
  - Custom directions
  - Custom magnification
  - Icon distance control
- **Interactive Grid Pattern** - ✅ INSTALLED - Interactive background grids

Visual Effects

- **Border Beam** - Animated border effects
- **Comic Text** - Comic book style text
- **Dot Pattern** - Dot background patterns
- **Flickering Grid** - Flickering grid animations
- **Globe** - 🌍 Interactive WebGL globe (Cobe-based)
- **Grid Pattern** - Grid background patterns
- **Icon Cloud** - ✅ INSTALLED - 3D rotating icon cloud
- **Marquee** - ✅ INSTALLED - Infinite scrolling marquee
- **Meteors** - ✅ INSTALLED - Meteor shower effects
- **Orbiting Circles** - ✅ INSTALLED - Orbital circle animations

- **Particles** - ✅ INSTALLED - Floating particle effects
- **Ripple** - ✅ INSTALLED - Ripple wave animations
- **Safari** - Safari-style components
- **Shine Border** - Shining border effects
- **Shimmer Button** - Shimmering button effects

Layout & Display

- **Bento Grid** - Grid layout system
- **Code Comparison** - Side-by-side code compare
- **Fade Text** - Text fade animations
- **File Tree** - File system tree view
- **Gradual Spacing** - Spacing transitions
- **Image Comparison** - Before/after image slider
- **Magic Card** - Special card effects
- **Marquee** - Infinite scroll displays
- **Masonry Grid** - Pinterest-style grid
- **Number Ticker** - Animated number counters
- **Retro Grid** - Retro-style grid backgrounds
- **Text Highlighter** - Text highlight effects
- **Text Reveal** - Text reveal animations
- **Typing Animation** - Typing effect animations
- **Word Fade In** - Word-by-word fade-in
- **Word Pull Up** - Pull-up word animation
- **Word Rotate** - Rotating word display

🎯 React Bits

Source: https://www.reactbits.dev/components

Categories

React Bits specializes in creative micro-interactions and unique UI elements:

- **Buttons** - Creative button variations with unique interactions
- **Cards** - Innovative card designs with micro-interactions
- **Sliders** - Custom slider components with smooth animations
- **Form Elements** - Interactive form components
- **Navigation** - Creative navigation patterns
- **Loaders** - Unique loading animations
- **Tooltips** - Enhanced tooltip interactions
- **Modals** - Creative modal designs

Note: React Bits focuses on micro-interactions and creative UI patterns that complement other libraries.

🤖 Hero UI (NextUI Fork)

Source: https://www.heroui.com/docs/components

Core Components

- **Accordion** - Expandable/collapsible sections with:

  - Multiple variants (light, shadow, bordered, splitted)
  - Subtitle support
  - Custom indicators
  - Custom motion
  - Start content

- **Button** - Comprehensive button system:

  - Sizes: sm, md, lg
  - Colors: default, primary, secondary, success, warning, danger
  - Variants: solid, bordered, light, flat, faded, shadow, ghost
  - Icon support (startContent, endContent)
  - Loading states with spinners
  - Button Groups

- **Card** - Flexible card component:

  - With divider
  - With image
  - Blurred footer
  - Blurred card
  - Pressable cards
  - Cover image support
  - Composition ready

- **Navbar** - Full-featured navigation:

  - Static/Sticky positioning
  - Hide on scroll
  - Mobile menu toggle
  - Bordered variant
  - Blur control
  - Dropdown integration
  - Avatar support
  - Search input integration
  - Active item styling

Other Components

- **Autocomplete**
- **Avatar**
- **Badge**
- **Breadcrumbs**

- **Calendar**
- **Checkbox**
- **Chip**
- **Circular Progress**
- **Divider**
- **Dropdown**
- **Image**
- **Input**
- **Kbd** (Keyboard shortcuts)
- **Link**
- **Listbox**
- **Menu**
- **Modal**
- **Pagination**
- **Popover**
- **Progress**
- **Radio**
- **Scroll Shadow**
- **Select**
- **Skeleton**
- **Slider**
- **Snippet**
- **Spinner**
- **Switch**
- **Table**
- **Tabs**
- **Textarea**
- **Tooltip**
- **User** (User profile component)

🎬 Animate UI

Source: https://animate-ui.com/docs/components

Animate UI Components

- **Avatar Group** - Grouped avatars with animations
- **Code** - Animated code blocks
- **Code Tabs** - Tabbed code displays
- **Cursor** - Custom cursor animations
- **GitHub Stars Wheel** - Rotating GitHub stars
- **Tabs** - Animated tab components
- **Tooltip** - Animated tooltips

Radix UI (Animated)

- **Accordion** - Animated accordion
- **Alert Dialog** - Animated alerts
- **Checkbox** - Animated checkbox
- **Dialog** - Animated dialogs
- **Dropdown Menu** - Animated dropdowns
- **Files** - File component animations
- **Hover Card** - Animated hover cards
- **Popover** - Animated popovers
- **Preview Link Card** (NEW) - Link preview with animation
- **Progress** - Animated progress bars
- **Radio Group** - Animated radio buttons
- **Sheet** - Animated sheet/drawer
- **Sidebar** - Animated sidebar
- **Switch** - Animated toggle switch
- **Tabs** - Animated tabs
- **Toggle** - Animated toggle
- **Tooltip** - Animated tooltips

Base UI (Animated)

- Same components as Radix but using Base UI
- **Menu** (NEW) - Animated menu
- **Preview Card** - Preview card animations

Headless UI (Animated)

- **Accordion**
- **Checkbox**
- **Dialog**
- **Popover**
- **Switch**
- **Tabs**

Buttons

- **Button** - Standard animated button
- **Copy Button** - Copy to clipboard with animation
- **Flip Button** - Flipping button animation
- **GitHub Stars Button** - GitHub stars display
- **Icon Button** - Icon-only buttons
- **Liquid Button** - Liquid morphing effect
- **Ripple Button** - Material ripple effect
- **Theme Toggler Button** - Dark/light mode toggle

Backgrounds

- **Bubble Background** - Floating bubble effect

- **Fireworks Background** - Firework animations
- **Gradient Background** - Animated gradients
- **Gravity Stars Background** (NEW) - Gravity-affected stars
- **Hexagon Background** - Hexagonal patterns
- **Hole Background** - Hole/portal effects
- **Stars Background** - Starfield animations

Community Components

- **Flip Card** (NEW) - Card flip animations
- **Management Bar** - Dashboard management bar
- **Notification List** - Notification system
- **Pin List** - Pinned items list
- **Playful Todolist** - Animated todo list
- **Radial Intro** (NEW) - Radial introduction animation
- **Radial Menu** (NEW) - Circular menu
- **Radial Nav** - Radial navigation
- **Share Button** - Social sharing button
- **User Presence Avatar** - User online status

🎯 Recommended Components by Portfolio Section

🚀 Hero Section

Currently Using:

- ☑ Particles (Magic UI)
- ☑ Meteors (Magic UI)
- ☑ Ripple (Magic UI)
- ☑ Orbiting Circles (Magic UI)
- ☑ Interactive Grid Pattern (Magic UI)
- ☑ Animated Shiny Text (Magic UI)
- ☑ Animated Gradient Text (Magic UI)

Consider Adding:

- **Spotlight** (Acternity) - Additional dramatic lighting
- **Aurora Background** (Acternity) - Subtle background glow
- **Hyper Text** (Magic UI) - Scrambling text effect for tagline
- **Globe** (Magic UI) - Interactive globe showing global reach
- **Dock** (Magic UI) - macOS-style quick navigation
- **Confetti** (Magic UI) - Celebration on CTA click

👤 About Section

Recommended:

- **Timeline** (Acternity) - Education/career journey

- **Bento Grid** (Aceternity/Magic UI) - Skills/qualities layout
- **Animated Testimonials** (Aceternity) - Client feedback
- **Card Stack** (Aceternity) - Stacked achievement cards
- **Text Reveal Card** (Aceternity) - Interactive bio reveal
- **Avatar Circles** (Magic UI) - Team/collaboration display
- **Typing Animation** (Magic UI) - Dynamic text introduction

💼 Projects Section

Recommended:

- **Bento Grid** (Aceternity) ☆ PRIMARY
- **Expandable Cards** (Aceternity) - Click to see project details
- **3D Card Effect** (Aceternity) - Hover perspective
- **Apple Cards Carousel** (Aceternity) - Featured projects carousel
- **Lens** (Aceternity) - Zoom into project screenshots
- **Compare** (Aceternity) - Before/after comparisons
- **Image Comparison** (Magic UI) - Design iterations
- **Magic Card** (Magic UI) - Special project highlights

📄 Articles/Blog Section

Recommended:

- **Card** (Hero UI) - Article cards
- **Animated List** (Magic UI) - Article list animations
- **Text Highlighter** (Magic UI) - Highlight key points
- **Code Block** (Aceternity) - Code snippets
- **Code Comparison** (Magic UI) - Code examples
- **Blur Fade** (Magic UI) - Image loading effects
- **Link Preview** (Aceternity) - External link previews

🛠 Skills/Tech Stack

Currently Using:

- ☑ Icon Cloud (Magic UI)
- ☑ Marquee (Magic UI)

Consider Adding:

- **Orbiting Circles** (Magic UI) - Additional tech orbit
- **GitHub Globe** (Aceternity) - GitHub activity visualization
- **3D Marquee** (Aceternity) - 3D skill showcase
- **Animated Circular Progress Bar** (Magic UI) - Skill proficiency
- **File Tree** (Magic UI) - Tech stack organization

💬 Testimonials Section

Recommended:

- **Infinite Moving Cards** (Aceternity) ☆ PRIMARY
- **Animated Testimonials** (Aceternity) - Minimal layout
- **Card Stack** (Aceternity) - Stacking testimonials
- **Focus Cards** (Aceternity) - Hover to focus
- **Avatar Circles** (Magic UI) - Client avatars

↳ Contact Section

Recommended:

- **Signup Form** (Aceternity) - Contact form
- **Placeholders And Vanish Input** (Aceternity) - Creative inputs
- **Confetti** (Magic UI) - Success celebration
- **Ripple Button** (Animate UI) - Submit button
- **Copy Button** (Animate UI) - Email copy
- **Toast/Notification** (Hero UI) - Form feedback

⊛ Interactive Elements (Global)

Recommended:

- **Floating Navbar** (Aceternity) - ✅ CURRENTLY USING
- **Floating Dock** (Aceternity) - Quick navigation
- **Following Pointer** (Aceternity) - Custom cursor
- **Theme Toggler** (Magic UI/Animate UI) - Dark mode
- **Scroll Progress** (Hero UI) - Reading progress
- **Background Beams** (Aceternity) - Ambient effects
- **Stars Background** (Animate UI) - Starfield effect

◉ Call-to-Action Elements

Recommended:

- **Stateful Button** (Aceternity) - Loading states
- **Moving Border** (Aceternity) - Attention-grabbing
- **Shimmer Button** (Magic UI) - Shining effect
- **Liquid Button** (Animate UI) - Liquid morphing
- **Vortex Background** (Aceternity) - CTA sections
- **Confetti** (Magic UI) - Success celebrations

⬒ Navigation Components

Recommended:

- **Floating Navbar** (Aceternity) - ✅ USING
- **Dock** (Magic UI) - macOS-style dock
- **Breadcrumbs** (Hero UI) - Page navigation

- **Tabs** (Hero UI/Animate UI) - Section switching
- **Dropdown Menu** (Hero UI) - Menu items
- **Radial Menu** (Animate UI) - Circular navigation

⬤ Background/Ambient Effects

Recommended:

- **Particles** (Magic UI) - ✅ USING
- **Grid Pattern** (Magic UI) - ✅ USING
- **Meteors** (Magic UI) - ✅ USING
- **Dotted Glow Background** (Aceternity)
- **Background Beams** (Aceternity)
- **Aurora Background** (Aceternity)
- **Shooting Stars** (Aceternity)
- **Gravity Stars** (Animate UI)
- **Bubble Background** (Animate UI)
- **Gradient Background** (Animate UI)

⬤ Component Priority Matrix

High Priority (Must Have)

1. ✅ **Bento Grid** - Projects showcase
2. ✅ **Infinite Moving Cards** - Testimonials
3. ✅ **Timeline** - Career/education journey
4. **Globe** - Global presence/clients
5. **Confetti** - Engagement celebrations
6. **Dock** - Quick navigation

Medium Priority (Should Have)

1. **Apple Cards Carousel** - Featured work
2. **Expandable Cards** - Detailed project info
3. **Code Block** - Technical articles
4. **3D Card Effect** - Interactive elements
5. **Text Reveal** - Dynamic content
6. **Theme Toggler** - Dark/light mode

Low Priority (Nice to Have)

1. **Lens** - Image zoom
2. **Compare** - Before/after
3. **Following Pointer** - Custom cursor
4. **World Map** - Client locations
5. **Pixelated Canvas** - Creative effects

📇 Installation Commands

Aceternity UI

```
# Copy components manually from
https://ui.aceternity.com/components/[component-name]
```

Magic UI

```
npx shadcn@latest add @magicui/[component-name]
```

Hero UI

```
pnpm add @heroui/react
# or for individual components
pnpm add @heroui/[component-name]
```

Animate UI

```
# Follow installation from https://animate-ui.com/docs/installation
```

🎯 Next Steps

1. **Install Priority Components:**

   - Bento Grid (Aceternity)
   - Timeline (Aceternity)
   - Globe (Magic UI)
   - Confetti (Magic UI)
   - Dock (Magic UI)

2. **Build Remaining Sections:**

   - About Section (Timeline + Bento Grid)
   - Projects Section (Bento Grid + Expandable Cards)
   - Testimonials (Infinite Moving Cards)
   - Articles (Card Grid)

3. **Add Interactive Polish:**

   - Theme Toggler

- Custom Cursor
- Scroll Progress
- Success Confetti

4. **Optimize Performance:**

   - Lazy load heavy components
   - Code split by route
   - Optimize animations

Last Updated: November 21, 2025
Total Components Available: 250+
Currently Installed: 15+