



# ACADEMY OF DIGITAL ARTS EGYPT



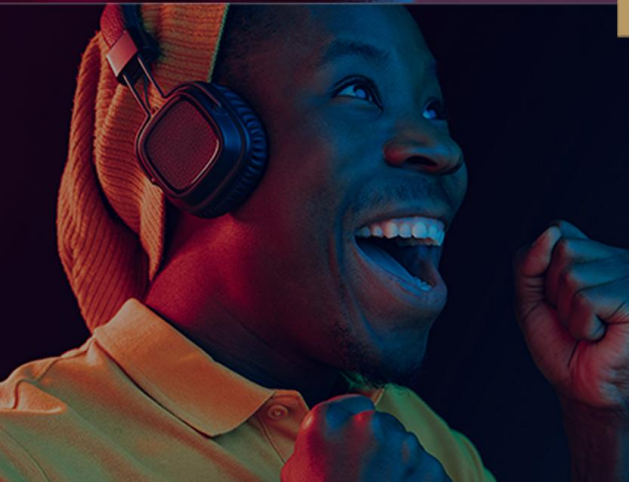
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# Build a Responsive Portfolio Website with Bootstrap

## Academy of Digital Arts Egypt - Bootstrap Session 1 Task

### Objective:

By completing this task, you will:

- Master Bootstrap's 12-column grid system for responsive layouts
  - Apply utility classes for rapid styling and spacing control
  - Create professional components using Bootstrap's component library
  - Build responsive breakpoint behavior across all device sizes
  - Practice modern web development workflow with CSS frameworks
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# Build a Responsive Portfolio Website with Bootstrap

## Academy of Digital Arts Egypt - Bootstrap Session 1 Task

### Step 1 – Set up Bootstrap Project Structure

- Create a new HTML file named portfolio.html
- Include Bootstrap 5 CDN links in the document head
- Add viewport meta tag for responsive design
- Set up proper HTML5 document structure with semantic elements
- Test Bootstrap is working with a simple button element



# Build a Responsive Portfolio Website with Bootstrap

## Academy of Digital Arts Egypt - Bootstrap Session 1 Task

### Step 2 – Create Navigation Header


- Build responsive navbar using Bootstrap navbar component
- Include brand/logo text on the left side
- Add navigation links: Home, About, Portfolio, Contact
- Implement collapsible mobile menu with hamburger toggle
- Apply Bootstrap color scheme (bg-primary, navbar-dark)



# Build a Responsive Portfolio Website with Bootstrap

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### Step 3 – Build Hero Section with Grid


- Create full-width hero section using container-fluid
  - Use row and column classes for content layout
  - Add large heading and subheading with Bootstrap typography classes
  - Include call-to-action button with Bootstrap button styling
  - Apply responsive text alignment (center on mobile, left on desktop)
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### Step 4 – Develop Services/Skills Grid Section


- Create services section with proper container and row structure
  - Build responsive 3-column layout using col-lg-4, col-md-6, col-12
  - Add Bootstrap card components for each service/skill
  - Include card headers, bodies, and footer elements
  - Apply consistent spacing using Bootstrap margin/padding utilities
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### Step 5 – Create Portfolio Gallery

- Build image gallery using Bootstrap grid system
  - Implement responsive image layout (4 columns desktop, 2 tablet, 1 mobile)
  - Add Bootstrap image classes (img-fluid, rounded)
  - Include overlay text or captions using Bootstrap positioning utilities
  - Apply hover effects using Bootstrap shadow utilities
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### Step 5 – Add Contact Form Section

- Create contact form using Bootstrap form components
  - Include form groups for name, email, and message fields
  - Apply Bootstrap form validation classes
  - Add submit button with Bootstrap button styling
  - Use Bootstrap grid to create form layout with sidebar contact info
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### Requirements

#### Tools:


- Text editor (Visual Studio Code recommended)
- Web browser with developer tools for testing
- Internet connection for Bootstrap CDN access
- Sample images for portfolio gallery (or placeholder images)



# Build a Responsive Portfolio Website with Bootstrap

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### Reminder

- Always use proper Bootstrap grid structure (container > row > col)
  - Test responsive breakpoints by resizing browser window
  - Apply utility classes for consistent spacing and typography
  - Don't mix CSS Grid with Bootstrap Grid unnecessarily
  - Include Bootstrap JavaScript for interactive components (navbar toggle)
  - Use Bootstrap's mobile-first approach when planning layouts
  - Validate your code and test across different browsers
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THANK YOU

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