Bootstrap

* Connect to Bootstrap:

Header link: ­

* + <link rel="stylesheet" type="text/css" href="css/**bootstrap.min.css">**
  + <link rel="stylesheet" type="text/css" href="css/**fontawesome.min.css**">
  + <link rel="stylesheet" type="text/css" href="**style.css**">

Body end link:

* + <script type="text/javascript" src="js/**jquery-3.4.1.min.js**"></script>
  + <script type="text/javascript" src="js/**popper.min.js**"></script>
  + <script type="text/javascript" src="js/**bootstrap.min.js**"></script>
  + <script type="text/javascript" src="**main.js**"></script>
* Colors in Bootstrap:
  + Primary.
  + Secondary.
  + Success.
  + Info.
  + Warning.
  + Danger.
  + Light/white.
  + Dark

# text-primary, bg-primary, border-primary.

* Border in Bootstrap:
  + <span class="border"></span>
  + <span class="border border-0"></span>
  + <span class="border border-top-0"></span>
  + <span class="border border-primary"></span>
  + <span class="rounded"></span>
  + <span class="rounded-lg"></span>
  + <span class="rounded-top"></span>
  + <span class="rounded-circle"></span>
  + <span class="rounded-0"></span>
* Clearfix in Bootstrap:
  + <div class="clearfix">// Avoid overflow / Overflow Hidden.
  + <span class="float-left">Float left</span>
  + <span class="float-right">Float right</span>
  + </div>
* Margin/Padding:
  + M- Margin(l:left,r:right,t:top,b:bottom,x:left&right,y:top&bottom)
  + P- Padding(l:left,r:right,t:top,b:bottom,x:left&right,y:top&bottom)
  + Mp0=0px, mp1=4px, mp2=8px, mp3=16px, mp4=24px, mp5=48px.
  + mx-auto (Margin left Right Auto).
  + <h1 class="border rounded text-center text-light bg-dark p-3 m-3"> </h1>

* Height/ Width:
  + Width ( w-100, w-75, w-50, w-25, {mw-Maximum width}).
  + Height ( h-100, h-75, h-50, h-25, {mh-Maximum height}).
* **Visible/Invisible:**
  + <div class="visible">I am visible</div>
  + <div class="invisible">I am Hidden</div>
* **Position**:
  + <nav class="navbar navbar-dark **fixed-top**">
  + <nav class="navbar navbar-dark **fixed-bottom**">
  + <nav class="navbar navbar-dark **sticky-top**">
* **Block level element & Inline Element**:
  + <p class=" d-inline">Programmer </p>// View list or tag inline.
  + <p class=" d-block">Programmer </p>// It’s By default.
  + <p class=" d-inline-block">Programmer </p>
  + **Default Block level element**: <div>, <p>, <h1>, <ul>, <footer>

Takes Full Width, Each Start with New line, width & Height can be set.

* + **Default inline element**: <a>, <span>, <img>, <button>

Side by Side, Takes Space As needed, width & Height can’t be set.

* Typography:
  + For Heading (display-1, display-2, display-3, display-4).
  + For Paragraph (lead, small, text-monospace).
  + Alignment (text-left/right/center/justify/color).
  + Font Weight(font-weight-bold/light/normal, font-italic).
  + CASE(text-capitalize/uppercase/lowercase).
  + Remove Style(list-unstyled).
* **Table:**
* <div class="table-responsive">//Scroll Horizontally in small device.
* <table class="table">// light padding only horizontal dividers.
* <table class="table table-striped">// Add zebra strips to a table.
* <table class="table table-striped table-bordered">//Add Border all side
* <table class="table table-striped table-bordered-up">//Add Border up.
* <table class="table table-striped table-bordered table-hover">.
* <table class="table table-striped table-bordered table-hover table-dark">.
* <table class="table-sm">.
* **Image:**
* <img src="IMG.jpg" class="rounded " width="304" height="300">
* class="rounded-circle" width="304" height="300"
* class="**img-thumbnail**" width="304" height="300"
* class="img-thumbnail float-left/right "
* class="img-thumbnail mx-auto d-block" //for Center.
* class="img-fluid"//Full Size Image.
* **Jumbotron:**
* <div class=" jumbotron bg-info p-2 mt-2">.
* **Alert:**
* <div class="alert alert-danger alert-dismissible fade show">
* <button **class="close"** **data-dismiss="alert"**>**&times;</**button>
* **Bootstrap Button:**
* <button class="btn">// Set button default.
* <button class="btn btn-primery">// Set button style.
* <button class="btn btn-outline-primery">// Set button style.
* <button class="btn btn-info btn-lg">// Set button style, size.
* <button class="btn btn-info btn-block">// Set button style, block.
* <button class="btn btn-info active/ disabled">// Set button style, block.

**Button Group:**

<div class="btn-group">.// Set attached button or group.

* <div class="btn-group btn-group-lg">// Set Attached Large Button.
* <div class="btn-group-vertical">.// Set vertical button group.
* **Badge:**
* <span class="badge badge-pill badge-primary">Primary</span>
* <span class="badge badge-dark">Dark</span>
* <button type="button" class="btn btn-primary">

Messages <span class="badge badge-success">4</span>

</button>

* **Progress Bar:**
* <div class="progress" style="height: 200px;">

<div class="progress-bar bg-dark " style="width: 70%;"></div>

</div>

* <div class="progress" style="height: 200px;">

<div class="progress-bar progress-bar-striped " style="width: 70%;">

</div></div>

* <div class="progress" style="height: 200px;">

<div class="progress-bar progress-bar-striped progress-bar-animated" style="width: 70%;"></div></div>

* <div class="progress" style="height: 40px;">

<div class="progress-bar bg-success" style="width: 50%;">Logic</div>

<div class="progress-bar bg-info" style="width: 20%;">Fontend</div>

<div class="progress-bar bg-warning" style="width: 10%;">Animation</div>

</div>

* **Pagination:**

<ul class="pagination ">

<li class="page-item "><a class="page-link" href="#">Prev</a></li>

<li class="page-item "><a class="page-link" href="#">1</a></li>

<li class="page-item active"><a class="page-link" href="#">2</a></li>

<li class="page-item "><a class="page-link" href="#">3</a></li>

<li class="page-item "><a class="page-link" href="#">Next</a></li>

</ul>

* **breadcrumb:**

<ul class="breadcrumb bg-info">

<li class="breadcrumb-item">Home</li>

<li class="breadcrumb-item">About</li>

<li class="breadcrumb-item">Blog</li>

</ul>

* **list-group:**

<ul class="list-guoup">

<li class="list-group-item>Html</li> //List Group item.

<li class="list-group-item list-group-item-action >Css</li> //Add hover.

<li class="list-group-item active >Bootstrap</li> //Active or Disabled

<li class="list-group-item list-group-item-info">Js</li> //Bg Color.

**//Add badge in a list group item & correct text -position.**

<li class="list-group-item d-flex align-items-center justify-content-between">Css

<span class="badge badge-pill badge-success"> 40</span></li>

* **card:**

<div class=" card w-50 mx-auto ">

<div class="card-header"></div>

<div class="card-body"></div>

<div class="card-footer"></div>

</div>

CARD IMAGE

<div class="card w-25 mx-auto mt-4 border rounded bg-success"

<img class="card-img-top" src="image/nazmulhuda.jpeg">

<div class="card-body">

<h2 class="text-light text-center">Mr Nazmul Huda</h2>

<p class="text-light"> Full Stack Web Developer. Expert in HTML, CSS, Bootstrap, JS, Jquery, PHP, OOP, MySql Databese</p>

<button class="btn btn-info mx-auto d-block"> Learn More</button>

</div>

* **Dropdown:**

<div class="dropdown ">// use here dropdown-left, dropdown-right

<button data-toggle="dropdown" class="btn-info ">Menu</button>

<ul class="dropdown-menu">

<li class="dropdown-item">HTML</li>

<li class="dropdown-item">CSS</li>

<li class="dropdown-item">JAVA</li>

<li class="dropdown-item">PHP</li>

<li class="dropdown-item">MySQL</li>

</ul>

</div>

* **Collapse:**

<button data-target="#name" data-toggle="collapse" class="btn btn-primary mx-auto d-block">Learn More</button>

<div id="name" class="collapse">

<p class=" lead p-3 text-light bg-dark">Hello, I'm Nazmul Huda A WEB Application Developer, Expert in HTML, CSS, BOOTSTRAP, JQUERY, PHP, MySQL.</p>

</div>

* **Accordion:**

<div class="accordion container">

<a data-target="#html" data-toggle="collapse" class="btn btn-outline-success btn-block text-left" href="#">What is HTML</a>

<div id="html" class="collapse" data-parent=".accordion">

<div class="card">

<div class="card-body bg-success rounded">

<p > HTML Stands for Hyper Text Markup Language. This is the first part of Web Design, And This is the website language.</p>

</div>

</div>

* **Nav with dropdown:**

<div class="nav nav-pills">// nav-tabs (for hr below and border)

<li class="nav-item"><a class="nav-link active" href="">Home</a></li>

<li class="nav-item"><a class="nav-link" href="">About</a></li>

<li class="nav-item dropdown">

<!--Create Menu in Nav-->

<a data-toggle="dropdown" class="nav-link" href="">Service</a>

<ul class="dropdown-menu">

<li ><a class="dropdown-item" href="">UI DESIGN</a></li>

<li ><a class="dropdown-item" href="">UX MANAGEMENT</a></li>

<li ><a class="dropdown-item" href="">APPLICATION SOFTWARE</a></li>

<li ><a class="dropdown-item" href="">ON PAGE SEO</a></li>

</ul> </li>

<li class="nav-item"><a class="nav-link" href="">Blog</a></li>

<li class="nav-item"><a class="nav-link" href="">Contract</a></li>

</div>

* **Complete Menu with NAVBAR:**

<div class="navbar navbar-expand-sm navbar-light p-2">

<a href="#">

<img class="rounded-circle" height="80" width="80" src="image/nazmulhuda.jpeg"></a>

<button data-toggle="collapse" data-target="#menu" class="navbar-toggler">

<span class="navbar-toggler-icon"></span></button>

<ul id="menu" class="navbar-nav navbar-collapse">

<li class="nav-item"><a class="nav-link" href="#">HOME</a></li>

<li class="nav-item"><a class="nav-link" href="#">ABOUT</a></li>

<li class="nav-item"><a class="nav-link" href="#">SERVICE</a></li>

<li class="nav-item"><a class="nav-link" href="#">CONTRACT</a></li>

</ul>

</div>

* **Bootstrap TAB:**

<ul class="nav nav-pills">

<li class="nav-item"><a data-toggle="pill" class="nav-link active" href="#home">HOME</a></li>

<li class="nav-item"><a data-toggle="pill" class="nav-link" href="#service">SERVICE</a></li>

<li class="nav-item"><a data-toggle="pill" class="nav-link" href="#contract">CONTRACT</a></li>

</ul>

<div class="tab-content">

<div class="border rounded bg-info text-light p-3 tab-pane active" id="home">

<h2>HOME</h2>

<p>Hello I'm Nazmul Huda A WEB Application Developer</p>

</div>

<div class="border rounded bg-info text-light p-3 tab-pane" id="service">

<h2>SERVICE</h2>

<p>I offer you UI & UX Design Management Software Development </p>

</div>

<div class="border rounded bg-info text-light p-3 tab-pane" id="contract">

<h2>Contract</h2>

<p>If you have any query about me feel free to contract me</p>

</div>

</div>

* **Form in Bootstrap:**

<div class="card-header">

<h1 class="font-weight-bold text-white text-center">Registration From</h1>

</div>

<div class="card-body text-white">

<div class="form-group">

<label>Name</label>

<input type="text" class="form-control" placeholder="UserName">

</div>

<div class="form-group">

<label>Email</label>

<input type="email" class="form-control" placeholder="Email">

</div>

<div class="form-group">

<label>Password</label>

<input type="password" class="form-control">

</div>

<div class="form-group">

<button class="btn btn-outline-dark rounded">Sign Up</button>

</div>

</div>

<div class="card-footer">

<div class="form-group">

<h3 class="text-light float-left">Already Resistared</h3>

<button class="float-right btn btn-outline-dark rounded">Login</button>

</div>

</div>

* **Prepend & Append in Form :**

<div class="card-header">

<div class="form-inline">

<div class="input-group">

<div class="input-group-prepend">

<div class="input-group-text">

www.

</div>

</div>

</div>

<input type="text" class="form-control">

<div class="input-group">

<div class="input-group-append">

<div class="input-group-text">

@gmail.com

</div>

</div>

* **Carousel Slider in Bootstap :**

<div id="demo" class="carousel slide" data-ride="carousel">

<div class="carousel-inner ">

<div style="height: 500px;" class="carousel-item active">

<img class="img-thumbnail mx-auto d-block" src="image/s1.jpeg">

</div>

<div style="height: 500px;" class="carousel-item">

<img class="img-thumbnail mx-auto d-block" src="image/s2.jpeg">

</div>

<div style="height: 500px;" class="carousel-item">

<img class="img-thumbnail mx-auto d-block" src="image/s3.jpeg">

</div>

<div style="height: 500px;" class="carousel-item">

<img class="img-thumbnail mx-auto d-block" src="image/s4.jpeg">

</div>

</div>

<!-- carousel next and Prev icon -->

<a class="carousel-control-prev" href="#demo" data-slide="prev">

<span class="carousel-control-prev-icon"></span>

</a>

<a class="carousel-control-next" href="#demo" data-slide="next">

<span class="carousel-control-next-icon"></span>

</a>

<!--Carousel Indicators\_-->

<ul class="carousel-indicators">

<li data-target="#demo" data-slide-to="0" class="active"></li>

<li data-target="#demo" data-slide-to="1"></li>

<li data-target="#demo" data-slide-to="2"></li>

<li data-target="#demo" data-slide-to="3"></li>

</ul>

</div>

* **Modal or Pop up:**

<div id="pop" class="modal fade ">

<div class="modal-dialog modal-dialog-centered">

<div class="modal-content bg-success">

<div class="modal-header">

<h2 class="text-white mx-auto">Welcome Programmer</h2>

<button data-dismiss="modal" class="close float-right">&times;</button>

</div>

<div class="modal-body">

<img class="rounded-circle mx-auto d-block" width="200" height="200" src="image/s1.jpeg">

</div>

<div class="modal-footer">

<p class="lead text-white text-center">Hey! I am a dreemer come to attend the world of competition</p>

</div>

* **Flex:**

<div style="height: 500px; " class=" d-flex flex-row/column

justify-content-start/end/center/between/around

align-items-start/center/end">

<div style="hei.ght: 100px;" class="w-25 bg-success"></div>

<div style="height: 100px;" class="w-25 bg-warning"></div>

<div style="height: 100px;" class="w-25 bg-info"></div>

</div>

<div style="height: 500px;" class="container d-flex justify-content-around align-items-center">

<div class="w-25"><h1>Nazmul Huda</h1></div>

<div class="w-25"><h1>Nazmul Huda</h1></div>

<div class="w-25"><h1>Nazmul Huda</h1></div>

</div>

<!--create a bannar-->

<div style="background-image: url(image/s4.jpeg); height: 100vh; background-size: cover; background-position: center;"

class="d-flex flex-row align-items-center">

<div class="w-75 mx-auto text-center">

<h1 class="display-4 font-weight-bold"> Bannar Template</h1>

<p class="lead">Created by Programmar Nazmul Huda</p>

<button class="btn btn-outline-dark">Learn More</button>

</div>

</div>

* **Grid System:**

Bootstrap Grid System count full width as 12 column.

<div class="row">//Run col in a row

<div class="col-4 bg-success p-3 text-center">Nazml Huda</div>

<div class="col-4 bg-warning p-3 text-center">Nuhidul Islam</div>

<div class="col-4 bg-info p-3 text-center">Abdus subahan</div>

</div>

<!--create a Menu-->

<div class="header bg-light">

<div class="container">

<div class="row">

<div class="col-3">

<img src="image/logo.jpg" height="100" width="200"></div>

<div class="col-9 ">

<ul class="nav h-100 d-flex flex-row justify-content-end align-items-center">

<li class="nav-item"><a class="nav-link " href="#">HOME</a></li>

<li class="nav-item"><a class="nav-link " href="#">ABOUT</a></li>

<li class="nav-item"><a class="nav-link " href="#">SERVICE</a></li>

<li class="nav-item"><a class="nav-link " href="#">CONTRACT</a></li>

</ul></div></div></div>

Five Gird System:

* col-xs( for phones screen less than 576px).
* col-sm(for tablets scree greater than 576px).
* col-md(for desktops screen greater than 768px).
* col-lg(for larger desktops screen greater than 992px).
* col-xl (x-large devices screen width equal or greater 1200px).
* Under 768 small device.
* 768-991 medium device.
* 992-1199 large device.
* 1200 and above extra large device.

## <div class="col-xl-3 col-lg-6 col-md-3 col-sm-6"> responsive Design .