



Catatan

- ▼ Langkah 1: GitHub
 - Sign in GitHub
 - Buat repository > klik new repository > beri nama >centang public > isi deskripsi > create repository
- ▼ Langkah 2: Inisialisasi dan push file ke GitHub
 - Buat folder dan isinya > klik kanan > open in git bash
 - Inisialisasi git: git init
 - Cek status: git status
 - Add file: git add .
 - Commit: git commit -m "My first file"
 - Configurasi email: [git config --global user.email "isi email kalian"]
 - Configurasi username: git config --global user.name "isi username kalian"
 - Melihat sekarang ada di branch mana: git branch
 - Note: Jika sudah pernah menggunakan remote origin dan ingin menggunakan lagi, maka remove origin terlebih dahulu menggunakan perintah: git remote remove origin jika belum pernah maka tidak perlu
 - Remote: git remote add origin \underline{p} aste link dari repository GitHub
 - Push file ke github: git push -u origin master
- ▼ Langkah 3 : Deploy website
 - Buka repository
 - Setting > pages > pada bagian branch pilih "master" > pada bagian ikon folder pilih "root" > save
 - Tunggu beberapa menit > refresh > akan ada link untuk website kita
- ▼ Langkah 4 : Koneksi GitHub dan Google Sheets
 - Buka google sheet > buat new file
 - Ubah nama jadi "Contact Form"

Extension > Apps Script > tulis syntax berikut > save

```
var sheetName = 'Sheet1'
var scriptProp = PropertiesService.getScriptProperties()
function intialSetup () {
  var activeSpreadsheet = SpreadsheetApp.getActiveSpreadsheet()
  scriptProp.setProperty('key', activeSpreadsheet.getId())
}
function doPost (e) {
  var lock = LockService.getScriptLock()
  lock.tryLock(10000)
  try {
    var doc = SpreadsheetApp.openById(scriptProp.getProperty('key'))
    var sheet = doc.getSheetByName(sheetName)
    var headers = sheet.getRange(1, 1, 1, sheet.getLastColumn()).getValues()[0]
    var nextRow = sheet.getLastRow() + 1
    var newRow = headers.map(function(header) {
      return header === 'timestamp' ? new Date() : e.parameter[header]
    })
    sheet.getRange(nextRow, 1, 1, newRow.length).setValues([newRow])
    return ContentService
      .createTextOutput(JSON.stringify({ 'result': 'success', 'row': nextRow }))
      .setMimeType(ContentService.MimeType.JSON)
  }
  catch (e) {
    return ContentService
      .createTextOutput(JSON.stringify({ 'result': 'error', 'error': e }))
      .setMimeType(ContentService.MimeType.JSON)
  }
  finally {
    lock.releaseLock()
  }
}
```

- Pilih initial setup > run > review permision > login > jika berhasil maka ada tulisan "excecution completed"
- Membuat trigger: Klik trigger di sebelah kiri > add triger > bagian choose which function to run pilih "doPost" >
 choose which deployment should run pilih "Head" > bagian select event source pilih "From spreadsheet" > bagian
 select event type pilih "On form submit" > bagian failure notification settings pilih "Notify me immediately" > save >
 login
- Setelah itu, klik tombol "Deploy" > pilih "New Deployment" > klik icon setting > pilih "Web app" > Description isi
 "Contact Form" > Bagian who has acces pilih "Anyone" > Deploy > akan muncul link url
- Copy link url dari langkah sebelumnya > ke VS Code > buka file index.html (dari zip yang telah dibagikan) > ubah bagian "isi link google sheet kalian" dengan url google sheets di atas > save

```
<!DOCTYPE html>
<html lang="en">
        <head>
```

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```
<meta charset="utf-8" />
 <meta name="viewport" content="width=device-width, initial-scale=1" />
 <title>Bootstrap demo</title>
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" |
</pre>
 <!-- Bootstrap Icon -->
 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.3/font/</pre>
 <!-- My CSS -->
 <link rel="stylesheet" href="style.css" />
</head>
<body id="Home">
 <!-- Start Navbar -->
 <nav class="navbar navbar-expand-lg navbar-dark bg-primary shadow-sm fixed-top">
   <div class="container">
     <a class="navbar-brand" href="#">Jeff Gerald</a>
     <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-tar</pre>
       <span class="navbar-toggler-icon"></span>
     </button>
     <div class="collapse navbar-collapse" id="navbarNav">
       class="nav-item">
           <a class="nav-link active" aria-current="page" href="#Home">Home</a>
         class="nav-item">
           <a class="nav-link" href="#About">About</a>
         class="nav-item">
           <a class="nav-link" href="#Projects">Projects</a>
         <a class="nav-link" href="#Contact">Contact</a>
         </div>
   </div>
 </nav>
 <!-- End Navbar -->
 <!-- Start Jumbotron -->
 <section class="jumbotron text-center">
   <img src="img/picture.jpg" alt="Muhammad Muhajir" width="200" class="rounded-circle"</pre>
   <h1 class="display-4">Jeff Gerald</h1>
   Lecturer | Businessman
   <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 1440 320">
      <path
       fill="#ffffff"
       fill-opacity="1"
        d="M0, 224L48, 213.3C96, 203, 192, 181, 288, 181.3C384, 181, 480, 203, 576, 181.3C672, 160, 76
      672, 320, 576, 320C480, 320, 384, 320, 288, 320C192, 320, 96, 320, 48, 320L0, 320Z"
     ></path>
   </svg>
 </section>
 <!-- End Jumbotron -->
 <!-- Start About -->
 <section id="About">
   <div class="container">
```

```
<div class="row text-center mb-3">
      <div class="col">
        <h2>About Me</h2>
      </div>
    </div>
    <div class="row justify-content-center fs-5 text-center">
      <div class="col-4">
        Lorem ipsum dolor sit amet consectetur, adipisicing elit. Inventore aut lik
      </div>
      <div class="col-4">
        Lorem ipsum dolor sit, amet consectetur adipisicing elit. Nisi repellendus
      </div>
    </div>
  </div>
  <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 1440 320">
      fill="#e2edff"
     fill-opacity="1"
      d="M0, 192L40, 197.3C80, 203, 160, 213, 240,
    197.3C320, 181, 400, 139, 480, 144C560, 149, 640, 203, 720, 197.3C800, 192,
    880, 128, 960, 117.3C1040, 107, 1120, 149, 1200, 181.3C1280, 213, 1360, 235,
    1400, 245.3L1440, 256L1440, 320L1400, 320C1360, 320, 1280, 320, 1200, 320C1120,
    320, 1040, 320, 960, 3200880, 320, 800, 320, 720, 3200640, 320,
    560, 320, 480, 320C400, 320, 320, 320, 240, 320C160, 320, 80, 320, 40, 320L0, 320Z"
   ></path>
  </svg>
</section>
<!-- End About -->
<!-- Start Projects -->
<section id="Projects">
  <div class="container">
    <div class="row text-center">
      <div class="col">
        <h2>My Projects</h2>
      </div>
    </div>
    <div class="row">
      <div class="col-md-4">
        <div class="card">
          <img src="img/Projects/1.jpg" class="card-img-top" alt="Project 1" />
          <div class="card-body">
            Some quick example text to build on the card title ar
          </div>
        </div>
      </div>
      <div class="col-md-4">
        <div class="card">
          <img src="img/Projects/2.jpg" class="card-img-top" alt="Project 2" />
          <div class="card-body">
            Some quick example text to build on the card title ar
          </div>
        </div>
      </div>
      <div class="col-md-4">
        <div class="card">
          <img src="img/Projects/3.jpg" class="card-img-top" alt="Project 3" />
          <div class="card-body">
```

```
Some quick example text to build on the card title ar
          </div>
        </div>
      </div>
    </div>
  </div>
  <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 1440 320">
      fill="#ffffff"
      fill-opacity="1"
      d="M0, 224L48, 213.3C96, 203, 192, 181, 288, 181.3C384, 181, 480, 203, 576, 181.3C672, 160, 76
      96C960, 96, 1056, 160, 1152, 186, 7C1248, 213, 1344, 203, 1392, 197, 3L1440, 192L1440, 320L139
      320, 1248, 320, 1152, 320C1056, 320, 960, 320, 864, 320C768, 320,
    672, 320, 576, 320C480, 320, 384, 320, 288, 320C192, 320, 96, 320, 48, 320L0, 320Z"
    ></path>
  </svg>
</section>
<!-- End Projects -->
<!-- Start Contact -->
<section id="Contact">
  <div class="container">
    <div class="row text-center mb-3">
      <div class="col">
        <h2>Contact Me</h2>
      </div>
    </div>
    <div class="row justify-content-center">
      <div class="col-md-6">
        <form name="Contact-Form">
          <div class="mb-3">
            <label for="name" class="form-label">Nama Lengkap</label>
            <input type="text" class="form-control" id="name" aria-describedby="name"</pre>
          </div>
          <div class="mb-3">
            <label for="email" class="form-label">Email</label>
            <input type="email" class="form-control" id="email" aria-describedby="email"</pre>
          </div>
          <div class="mb-3">
            <label for="pesan" class="form-label">Pesan</label>
            <textarea class="form-control" id="pesan" rows="3" name="pesan"></textarea
          </div>
          <button type="submit" class="btn btn-primary">Kirim</button>
        </form>
      </div>
    </div>
  </div>
  <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 1440 320">
      fill="#0d6efd"
      fill-opacity="1"
      d="M0, 96L48, 128C96, 160, 192, 224, 288, 224C384,
    224, 480, 160, 576, 128C672, 96, 768, 96, 864, 133. 3C960, 171, 1056, 245, 1152, 234. 7C1248, 224, 1
    128, 1392, 80L1440, 32L1440, 320L1392, 320C1344, 320, 1248, 320, 1152, 320C1056, 320, 960, 320,
    320,672,320,576,320C480,320,384,320,288,320C192,320,96,320,48,320L0,320Z"
    ></path>
  </svg>
```

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```
</section>
    <!-- End Contact -->
    <!-- Start Footer -->
    <footer class="bg-primary text-white text-center pb-5">
      Created with <i class="bi bi-heart-fill text-danger"></i> by <a href="https://sta
    </footer>
    <!-- End Footer -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.mir</pre>
    <script>
      const scriptURL = 'isi link google sheets kalian'
      const form = document.forms['Contact-Form']
      form.addEventListener('submit', e => {
        e.preventDefault()
       fetch(scriptURL, { method: 'POST', body: new FormData(form)})
          .then(response => console.log('Success!', response))
          .catch(error => console.error('Error!', error.message))
     })
    </script>
  </body>
</html>
```