

# Assignment No -1

Using HTML5 layout tags develop

## The Code:

index.js:

```
<!DOCTYPE html>
<html>

<head>
  <title>Prathamesh Shiralkar</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,initial-scale=1">
  <meta name="author" content="Prathamesh Shiralkar">
  <meta name="description" content="Prathamesh Shiralkar Portfolio
Website">
</head>

<body>
  <header >
    <h2>Prathamesh Shiralkar</h2>
  </header>
  <nav>
    <a href="./index.html" class="active">Home</a>
    <a href="./exp.html" class="active">Experience</a>
    <a href="./projects.html" class="active">Projects</a>
    <a href="./contact.html" class="active">Contact</a>
  </nav>
  <br>
  <br>
  <article>
    <h1 style="font-size: 50px;" > Hi, I'm Prathamesh Shiralkar</h1>
    <h2 style="font-size: 30px;" > Software development aspirant with a
keen interest in full-stack
    development, DevOps and Cloud Computing.<br /> I love building
robust and highly scalable systems and backends.
    I am a Udacity Cloud Developer NanoDegree holder. </h2>
```

```

</article>
<aside>
  
</aside>
<section style="font-size: 20px;">
  <ul>
    <li> 🚀 Currently working on <a target="_blank"
href="https://executeit.ml">&lt; Execute-it /&gt;</a> - A
      Realtime Online Code Collaboration Platform!</li>
    <li> 💻 Intern @ <a target="_blank"
href="https://interviewmocha.com">imocha</a>, where we've built a robust
      and scalable <a target="_blank"
href="https://ide.interviewmocha.com">Online IDE</a>.</li>
    <li> ✨ Former Summer Fellow @ <a target="_blank"
href="https://fossee.in/">FOSSEE - IIT Bombay</a>.</li>
    <li> 🌱 Exploring DevOps and Cloud Computing.</li>
    <li> 💬 Let's talk about Tech, Internships, Travelling and
Food!</li>
    <li> ⚡ Fun fact: I enjoy building real world applications rather
than solving hypothetical competitive coding
      problems!</li>
  </ul>
</section>
<br>
<br>
<br>
<br>
<h1> My skills </h1>
<ul>
  <li><b>Web Development</b> - Django, MERN Stack, REST API</li>
  <li><b>Devops & Cloud Computing</b> - Git and Github, Docker, CI/CD,
AWS (Basic), Kubernetes (Basic), Linux</li>
  <li><b>Core</b> - Object-Oriented Programming (in C++)
(Intermediate), Data Structures and Algorithms (Basic)</li>
  <li><b>Languages</b> - Python, Javascript, C++ (Intermediate)</li>
</ul>
</body>
</html>

```

## Exp.html:

```
<!DOCTYPE html>
<html>

<head>
  <title> Prathamesh Shiralkar </title>
  <meta charset="UTF-8">
</head>

<body>
  <header >
    <h2>Prathamesh Shiralkar</h2>
  </header>
  <nav>
    <a href="./index.html" class="active">Home</a>
    <a href="./exp.html" class="active">Experience</a>
    <a href="./projects.html" class="active">Projects</a>
    <a href="./contact.html" class="active">Contact</a>
  </nav>
  <br><br><br><br><br><br><br>
  <h1 style="font-size: 50px;">Experience</h1>
  <br><br>
  <ul>
    <li>
      <a target="_blank" href="https://interviewmocha.com">
        <h1>imocha</h1>
      </a>
      <h2>Full-stack development intern</h2>
      <p><i>Oct 2019 - Present</i></p>
      <ul>
        <li> Developed a secure, robust, and highly scalable, API based
Online Compiler, supporting 15+ languages.
          </li>
        <li>Online IDE: <a target="_blank"
href="https://ide.interviewmocha.com">ide.interviewmocha.com</a></li>
        <li> Accelerated the speed of judging a submission and
scalability, with the capability to judge about 50
          submissions a minute with a single worker instance.</li>
      </ul>
    </li>
  </ul>

```

```

        <li> Engineered a Data Science Simulator used for data
visualization and analysis in Python.</li>
        <li> Explored new technologies like Django, PostgreSQL,
RabbitMQ, Docker, Azure VM, Kubernetes.</li>
    </ul>
</li>
<li>
    <a target="_blank" href="https://fossee.in">
        <h1>IIT, Bombay</h1>
    </a>
    <h2>FOSSEE Summer Fellow</h2>
    <p><i>April 2020 - June 2020</i></p>
    <ul>
        <li> Strengthened an open-source platform "Workshop Booking"
which is a platform to plan workshops taken by
            the Python team at FOSSEE, IIT Bombay.</li>
        <li> Revamped codebase upgrading dependencies to the latest
versions, exposed data available as REST API and
            introduced CMS. </li>
    </ul>
</li>
</ul>
</body>

</html>

```

projects.html:

```

<!DOCTYPE html>
<html>

<head>
    <title> Prathamesh Shiralkar </title>
    <meta charset="UTF-8">
</head>

<body>
    <header >

```

```

    <h2>Prathamesh Shiralkar</h2>
</header>
<nav>
    <a href="./index.html" class="active">Home</a>
    <a href="./exp.html" class="active">Experience</a>
    <a href="./projects.html" class="active">Projects</a>
    <a href="./contact.html" class="active">Contact</a>
</nav>
<br><br><br><br><br><br><br>
<h1 style="font-size: 50px;">Projects</h1>
<br><br>
<ul>
    <li>
        <h1>ONLINE COMPILER</h1>
        <a target="_blank" href="https://ide.interviewmocha.com">
            <h2>(ide.interviewmocha.com)</h2>
        </a>
        <p><i>for imocha</i></p>
        <ul>
            <li> The project consists of a REST API that takes code and
input from users and gives back output or error, along with time and
memory consumed for 15+ languages.</li>
            <li> Handled above 1 million submissions to date.</li>
            <li> Uses virtualization to run the code safely and messaging
queue (RabbitMQ) to process multiple submissions.</li>
            <li> Containerized using Docker and deployed on Azure VM.</li>
        </ul>
    </li>
    <li>
        <h1>REALTIME CODE COLLABORATION PLATFORM</h1>
        <a target="_blank" href="https://executeit.ml">
            <h2>(executeit.ml)</h2>
        </a>
        <ul>
            <li> Realtime code modification by multiple users, voice and
text chat for easy communication.</li>
            <li> A dedicated, secure Linux environment for each room, and a
terminal for each user.</li>
            <li> Can be used by schools and colleges for coding labs, by
developers to collaborate online.</li>
        </ul>
    </li>

```

```

        </ul>
    </li>
    <li>
        <h1>SERVERLESS CHAT APP</h1>
        <a target="_blank" href="https://d3nf7m4z1t4ner.cloudfront.net">
            <h2>(d3nf7m4z1t4ner.cloudfront.net)</h2>
        </a>
        <ul>
            <li> Realtime message exchange using Websockets on AWS API
Gateway.</li>
            <li> Hexagonal Architecture, i.e., Logic code isolated from AWS
specific code.</li>
            <li> Built using Serverless framework, Node.js, AWS Lambda,
DynamoDB, X-Ray (distributed tracing), OAuth.</li>
        </ul>
    </li>
</ul>
</body>
</html>

```

## contact.html

```

<!DOCTYPE html>
<html>
    <head>
        <title> Prathamesh Shiralkar </title>
        <meta charset="UTF-8">
    </head>
    <body>
        <header >
            <h2>Prathamesh Shiralkar</h2>
        </header>
        <nav>
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            <a href="./contact.html" class="active">Contact</a>

```

```
</nav>
<br><br><br><br><br><br>
<h1 style="font-size: 50px;">Contact Me</h1>
<br><br>
<table id="customers">
  <tr>
    <th> Profile </th>
    <th> Link </th>
  </tr>
  <tr>
    <td> Linkedin </td>
    <td> <a href="https://www.linkedin.com/in/pnshiralkar">
pnshiralkar</a> </td>
  </tr>
  <tr>
    <td> Github </td>
    <td> <a href="https://github.com/pnshiralkar">github.com/pnshiralkar</a> </td>
  </tr>
  <tr>
    <td> Instagram </td>
    <td> <a href="https://twitter.com/kapushion18"> @pratham__99
</a> </td>
  </tr>
  <tr>
    <td> Email </td>
    <td> <a href="mailto:pnshiralkar@gmail.com">
pnshiralkar@gmail.com </a> </td>
  </tr>
  <tr>
    <td> Resume </td>
    <td> <a href="https://docs.google.com/document/d/1a-QpsKRT-81TsGbLZeUNWBmGj7zizfwQz4t5ciCVZnE/view"> View Resume </a> </td>
  </tr>
</table>
</body>
</html>
```

# Output:

Homepage (index.html):

**Prathamesh Shiralkar**

[Home](#) [Experience](#) [Projects](#) [Contact](#)

## Hi, I'm Prathamesh Shiralkar

Software development aspirant with a keen interest in full-stack development, DevOps and Cloud Computing. I love building robust and highly scalable systems and backends. I am a Udacity Cloud Developer NanoDegree holder.



- 🚀 Currently working on < [Execute-It](#) /> - A Realtime Online Code Collaboration Platform!
- 🏢 Intern @ [imocha](#), where we've built a robust and scalable [Online IDE](#).
- 🌱 Former Summer Fellow @ [FOSSEE - IIT Bombay](#).
- 🌿 Exploring DevOps and Cloud Computing.
- 🗣️ Let's talk about Tech, Internships, Travelling and Food!
- ⚡ Fun fact: I enjoy building real world applications rather than solving hypothetical competitive coding problems!

### My skills

- **Web Development** - Django, MERN Stack, REST API
- **Devops & Cloud Computing** - Git and Github, Docker, CI/CD, AWS (Basic), Kubernetes (Basic), Linux
- **Core** - Object-Oriented Programming (in C++) (Intermediate), Data Structures and Algorithms (Basic)
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## Experience page (exp.html):

**Prathamesh Shiralkar**

[Home](#) [Experience](#) [Projects](#) [Contact](#)

## Experience

### · [imocha](#)

#### Full-stack development intern

*Oct 2019 - Present*

- Developed a secure, robust, and highly scalable, API based Online Compiler, supporting 15+ languages.
- Online IDE: [ide.interviewmocha.com](http://ide.interviewmocha.com)
- Accelerated the speed of judging a submission and scalability, with the capability to judge about 50 submissions a minute with a single worker instance.
- Engineered a Data Science Simulator used for data visualization and analysis in Python.
- Explored new technologies like Django, PostgreSQL, RabbitMQ, Docker, Azure VM, Kubernetes.

### · [IIT, Bombay](#)

#### FOSSEE Summer Fellow

*April 2020 - June 2020*

- Strengthened an open-source platform "Workshop Booking" which is a platform to plan workshops taken by the Python team at FOSSEE, IIT Bombay.
- Revamped codebase upgrading dependencies to the latest versions, exposed data available as REST API and introduced CMS.

## Projects page (projects.html):

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**Prathamesh Shiralkar**

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## Projects

### · ONLINE COMPILER

[\(ide.interviewmocha.com\)](http://ide.interviewmocha.com)

*for imocha*

- The project consists of a REST API that takes code and input from users and gives back output or error, along with time and memory consumed for 15+ languages.
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- Uses virtualization to run the code safely and messaging queue (RabbitMQ) to process multiple submissions.
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### · REALTIME CODE COLLABORATION PLATFORM

[\(executeit.ml\)](http://executeit.ml)

- Realtime code modification by multiple users, voice and text chat for easy communication.
- A dedicated, secure Linux environment for each room, and a terminal for each user.
- Can be used by schools and colleges for coding labs, by developers to collaborate online.

### · SERVERLESS CHAT APP

[\(d3nf7m4z1t4ner.cloudfront.net\)](http://d3nf7m4z1t4ner.cloudfront.net)

- Realtime message exchange using Websockets on AWS API Gateway.
- Hexagonal Architecture, i.e., Logic code isolated from AWS specific code.
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Contact Page (contact.html):

**Prathamesh Shiralkar**

[Home](#) [Experience](#) [Projects](#) [Contact](#)

## Contact Me

Profile	Link
Linkedin	<a href="https://www.linkedin.com/in/pnshiralkar">linkedin.com/in/pnshiralkar</a>
Github	<a href="https://github.com/pnshiralkar">github.com/pnshiralkar</a>
Instagram	<a href="#">@pratham_99</a>
Email	<a href="mailto:pnshiralkar@gmail.com">pnshiralkar@gmail.com</a>
Resume	<a href="#">View Resume</a>