

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Фронт-энд разработка

Отчет

Лабораторная работа №1

Выполнил:

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Санкт-Петербург

2023 г.

Задача

Выполнить вёрстку сайта средствами HTML, CSS и Bootstrap. Продумать и реализовать моменты, в которых необходим JS (например, открытие модальных окон).

Вариант: Сайт портфолио

Создать личный сайт, на котором можно показать свои навыки и предыдущие работы. Можно добавить разделы для описания проектов и контактной информации

Ход работы

Работа реализована при помощи HTML+ CSS + Bootstrap

Страница обо мне:

Header состоит из моего логотипа и нав-бара, последний элемент которого является модальным окном

Footer состоит из четырех img-ссылок на мои соцсети

Далее header и footer будут такими же на остальных страницах.



Navbar:

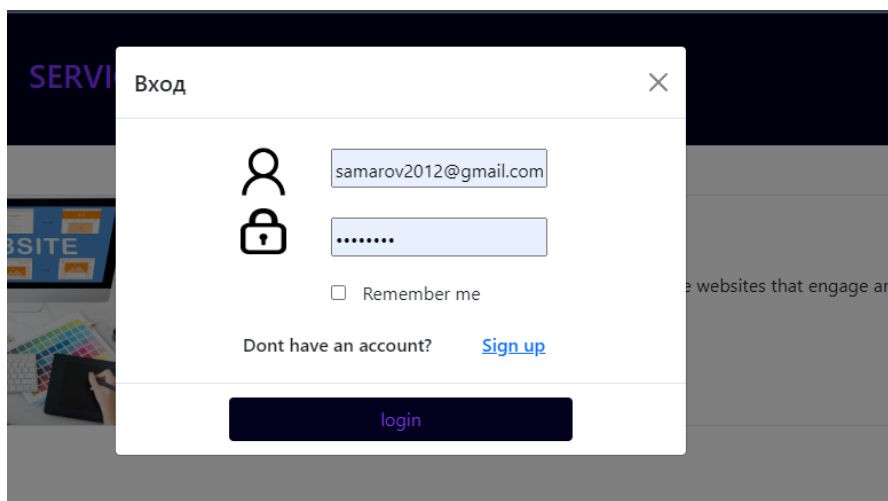
```
<div class="nav-item">
|
|   </img>
|
</div>

<div class="nav-item">
|   <a href="about.html" class="nav-links">
|   |   <h3 class="nav-text">ABOUT</h3>
|   </a>
</div>
<div class="nav-item">
|   <a href="portfolio.html" class="nav-links">
|   |   <h3 class="nav-text">PORTFOLIO</h3>
|   </a>
</div>
<div class="nav-item">
|   <a href="services.html" class="nav-links">
|   |   <h3 class="nav-text">SERVICES</h3>
|   </a>
</div>
<div class="nav-item">
|   <a href="#footer" class="nav-links">
|   |   <h3 class="nav-text">CONTACTS</h3>
|   </a>
</div>

<div class="nav-item ms-auto" style="padding-right: 100px;">
|   <a href="#" data-bs-toggle="modal" data-bs-target="#modal-reg" class="nav-links">
|   |   <h3 class="nav-text">SIGN IN</h3>
|   </a>
```

Модальное окно

```
<div class="modal fade" id="modal-reg" tabindex="-1" aria-labelledby="exampleModallabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="exampleModallabel">Вход</h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Закреть"></button>
      </div>
      <div class="modal-body">
        <div class="container-fluid modal-login">
          <div class="row">
            <div class="col-3 loginicon">
              
            </div>
            <div class="col-9">
              <input type="text" style="padding-top: 5px; margin: auto; margin-top: 10px"
                placeholder="Логин...">
            </div>
          </div>
          <div class="row">
            <div class="col-3 passwordicon">
              
            </div>
            <div class="col-9">
              <input type="password" style="padding-top: 5px; margin: auto; margin-top: 10px"
                placeholder="Пароль...">
            </div>
          </div>
          <div class="row" style="padding-top: 20px; margin: auto; margin-left: 90px;">
            <div class="col">
              <input type="checkbox" id="regcheckbox">
              <label for="regcheckbox" style="padding-left: 10px;">
                <h5 style="font: inherit; font-size: medium;">
                  Remember me
                </h5>
              </label>
            </div>
          </div>
          <div class="row" style="padding-top: 15px;">
            <div class="col-6">
              <h6 style="padding-left: 25px; white-space: nowrap;">
                Dont have an account?
              </h6>
            </div>
            <div class="col-6">
              <a href="register.html">
                <h6 style="text-align: left; padding-left: 30px;">
                  Sign up
                </h6>
              </a>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```



Стили, используемые в header и footer:

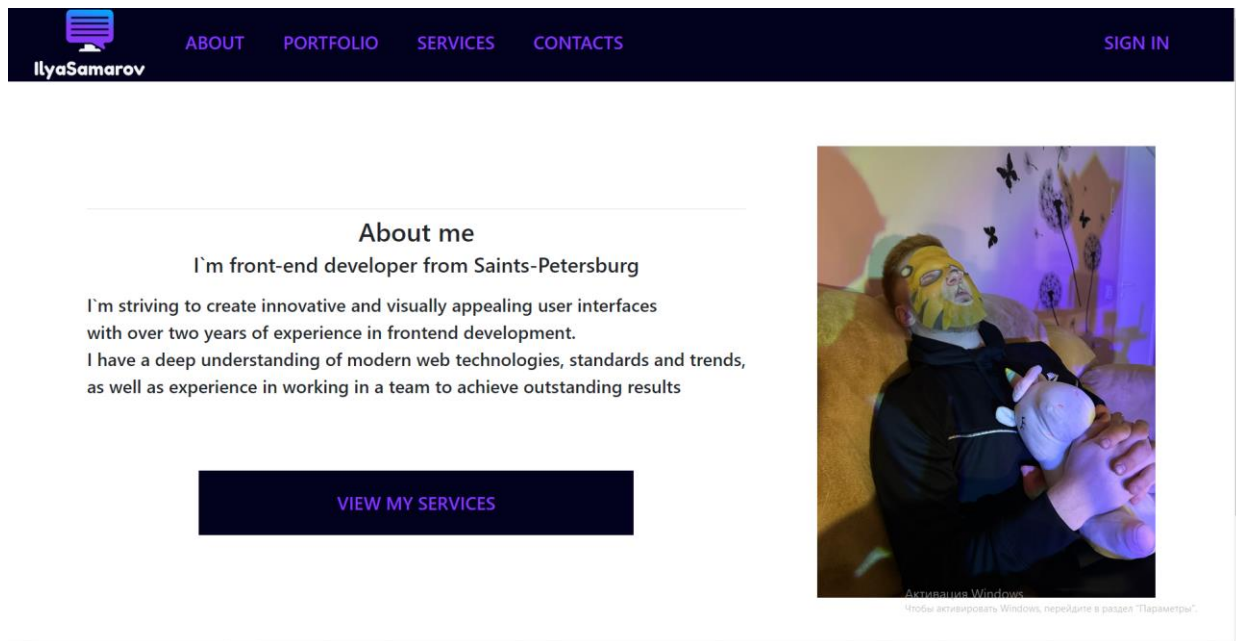
```
header, footer{
  background-color: #02011e;
}
footer{
}
.nav-item{
  box-sizing: border-box;
  padding-right: 30px;
  padding-left: 30px;
  font-style: inherit;
}
.nav-links{
  text-decoration: none;
}
.nav-signin{
  box-sizing: border-box;
  margin: auto;
  padding-right: 30px;
  padding-left: 30px;
  font-style: inherit;
  padding-left: 550px;
}
.nav-text{
  color: #8738F8;
}
.nav-img, .footer-img{
  box-sizing: border-box;
  padding-right: 0.5rem;
  padding-left: 0.5rem;
  font-style: inherit;
}
.footer-img{
  margin: auto;
}
```

На странице about находится контейнер с текстом, кнопка заказа услуг, которая переадресовывает на страницу услуг, а также моя фотография

```
<div class="container-fluid textabout">
  <div class="d-flex flex-row justify-content-evenly align-items-center">
    <div class="d-flex flex-column border-top">
      <h1 style="text-align: center; padding-top: 10px;">About me </h1>
      <h2 style="text-align: center;">I'm front-end developer from Saints-Petersburg </h2>
      <h3 style="line-height: 1.5;padding-top: 15px;">I'm striving to create innovative and visually appealing user
        interfaces<br> with over two years
        of experience in frontend development.<br> I have a deep understanding of modern web technologies,
        standards and trends,<br> as well as experience in working in a team to achieve outstanding results</h3>
      <a type="button" class="buybutton text-uppercase " href="services.html" style="padding-top: 33px;">
        <h3>
          View my services
        </h3>
      </a>
    </div>
    
  </div>
</div>
```

Стили, используемые на этой странице:

```
.textabout{
  height: 1000px;
  padding-top: 100px;
}
.myphoto{
  max-width: 900px;
  max-height: 700px;
}
.buybutton{
  display: block;
  background-color: #02011e;
  color: #8738F8;
  margin: auto;
  width: 66%;
  height: 100px;
  margin-top: 10%;
  font: inherit;
  font-size:xx-large;
  text-align: center;
  text-decoration: none;
}
```



Страница портфолио:

На данной странице размещено мое портфолио, реализованное через класс container

```

<div class="container-fluid" style="height: auto; padding-top: 50px; padding-left: 100px;">
  <h1>
    | Samarov Ilya
  </h1>
  <h5>
    | Male, 20-year-old
  </h5>
  <br>
  +7(911)2975849 - <span class="port-subt">preffered method of communication</span> <br>
  samarov2012@gmail.com
  <br>
  <br>
  Lives: St. Petersburg
  Citizenship: Kazakhstan, work permit: Russia <br>
  Not ready to move, ready for business trips
  <br>
  <br>
  <br>
  <div class="port-subh">
    | Desired position and salary
    <hr width="50%">
    <br>
  </div>
  <h6>Frontend Developer</h6>
  Specializations: <br>
  - Programmer, Developer
  Employment: full-time <br>
  Work schedule: full day<br>
  Desirable travel time to work: not relevant<br><br>
  <div class="port-subh">
    | Work experience - 2 months
    <hr width="50%">
    <br>
  </div>
  <div class="row">
    <div class="col-1 port-subt">
      | July 2022 - August 2022 <br>
      | 2 months
    </div>
    <div class="col-11">
      <h5>Kaspi Bank</h5>
      <h6>Programmer-developer</h6>
      | Internship, writing code with the team.<br>
    </div>
  </div>
  <br><br>

```



```

<div class="port-subh">
  Education
  <hr width="50%">
</div>
Higher<br><br>
<div class="row">
  <div class="col-1 port-subt">
    2025
  </div>
  <div class="col-11">
    <h5>St. Petersburg National Research University of Information Technologies, Mechanics and Optics, St. Petersburg, Russia</h5>
    <div style="font-size: large;">Information and communication technologies, Mobile application development</div>
  </div>
</div>
<br>
<br>
<div class="port-subh">
  Key skills
  <hr width="50%">
</div>
<div class="row">
  <div class="col-1 port-subt">
    Language skills
  </div>

  <div class="col-11">
    Russian <span class="port-subt">- Native</span><br>
    English <span class="port-subt">- B2 - Intermediate Advanced</span> <br>
    Kazakh <span class="port-subt">- B2 - Intermediate Advanced</span> <br>
    Chinese <span class="port-subt">- A2 - Elementary</span><br>
  </div>
  <div class="col-1 port-subt" style="padding-top: 30px;">
    Skills
  </div>
  <div class="col-11" style="padding-top: 30px;">
    <mark>Python</mark>
    <mark>PostgreSQL</mark>
    <mark>Git</mark>
    <mark>Linux</mark>
    <mark>MongoDB</mark>
    <mark>JavaScript</mark>
    <mark>HTML</mark>
    <mark>CSS3</mark>
  </div>
</div>
<br>
<br>

```

```

<div class="port-subh">
  Driving experience
  <hr width="50%">
</div>

Category B license
<br>
<br>
<div class="port-subh">
  More info
  <hr width="50%">
</div>
<div class="row" style="padding-bottom: 100px;">
  <div class="col-1 port-subt">
    About me
  </div>
  <div class="col-11">
    Hello, I am an aspiring frontend developer with good knowledge of IT programming languages. I have a small amount of work experience. <br>
    I created websites for a jewelry store and an electronics store. <br>
    My skills, abilities and commitment to continuous development make me a suitable candidate for your team.<br>
    My skills include knowledge of:<br>
    1. Python<br>
    2. PostgreSQL<br>
    3. Git<br>
    4. Linux<br>
    5. MongoDB<br>
    6. JavaScript<br>
  </div>
</div>
</div>

```

Стили, используемые в портфолио:

```
.port-subh{
  color: grey;
  font-size: large;
}
.port-subt{
  color: grey;
}
mark{
  background: silver;
}
```

Страница услуг:

Представляет из себя search-bar слева и контейнера с карточками услуг

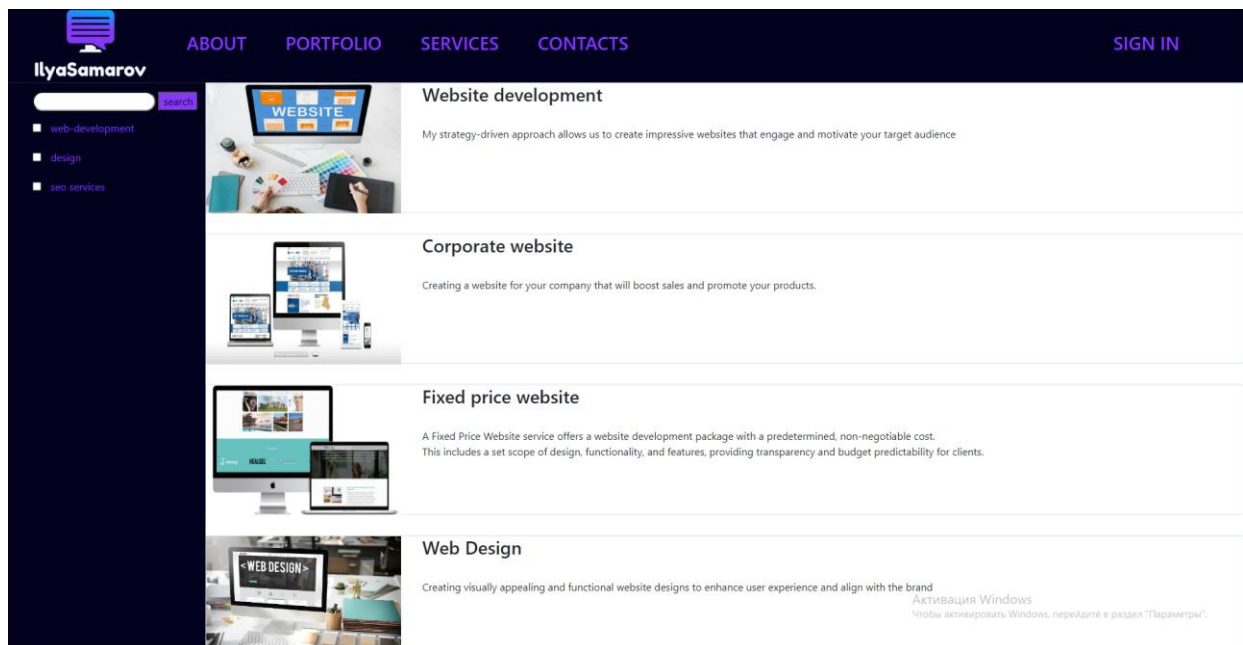
Search-bar:

```
<div class="d-flex flex-column flex-fill search-bar border-bottom border-top border-dark">
  <div class="search-item">
    <input class="rounded-pill" type="search" id="searchbox" style="color: #8738F8;max-width: 100%;">
    <button class="rounded-end" style="background-color: #8738F8;color: #02011e;">
      search
    </button>
  </div>

  <div class="search-item">
    <input type="checkbox" id="checkbox1">
    <label for="regcheckbox" style="padding-left: 10px;">
      <h5 style="font: inherit;font-size: medium;">
        web-development
      </h5>
    </label>
  </div>
  <div class="search-item">
    <input type="checkbox" id="checkbox2">
    <label for="regcheckbox" style="padding-left: 10px;">
      <h5 style="font: inherit;font-size: medium;">
        design
      </h5>
    </label>
  </div>
  <div class="search-item">
    <input type="checkbox" id="checkbox3">
    <label for="regcheckbox" style="padding-left: 10px;">
      <h5 style="font: inherit;font-size: medium;">
        seo services
      </h5>
    </label>
  </div>
</div>
```

Контейнер с карточками:

```
<div class="d-flex flex-column flex-fill">
  <div class="d-flex flex-row border service-item">
    
    <div class="d-flex flex-column service-text">
      <h3>Website development</h3>
      <br>
      My strategy-driven approach allows us to create impressive websites that engage and motivate your target audience
    </div>
  </div>
  <div class="d-flex flex-row service-item border">
    
    <div class="d-flex flex-column service-text">
      <h3>Corporate website</h3>
      <br>
      Creating a website for your company that will boost sales and promote your products.
    </div>
  </div>
  <div class="d-flex flex-row service-item border">
    
    <div class="d-flex flex-column service-text">
      <h3>Fixed price website</h3>
      <br>
      A Fixed Price Website service offers a website development package with a predetermined, non-negotiable cost.
      <br>This includes a set scope of design, functionality, and features, providing transparency and budget predictability for clients.
    </div>
  </div>
  <div class="d-flex flex-row service-item border">
    
    <div class="d-flex flex-column service-text">
      <h3>Web Design</h3>
      <br>
      Creating visually appealing and functional website designs to enhance user experience and align with the brand
    </div>
  </div>
  <div class="d-flex flex-row service-item border">
    
    <div class="d-flex flex-column service-text">
      <h3>Mobile app design</h3>
      <br>
      Creation of visually appealing and user-friendly interfaces for mobile applications, focusing on usability and aesthetics
    </div>
  </div>
</div>
```




Стили, используемые на странице услуг:

```
.service-item {
  border-color: #8738f8;
  height: 200px;
  margin-bottom: 2%;
  margin-left: 0%;
}
.search-bar {
  max-width: 16%;
  background-color: #02011e;
  padding-left: 2%;
}
.search-item {
  padding-top: 5%;
  color: #8738f8;
}
.service-img {
  width: 300px;
  height: 200px;
}
.service-text {
  padding-left: 2%;
}
```

Страница регистрации:

Является контейнером с формой внутри

```
<div class="container-fluid register">
  <h1 style="padding-top: 75px;">
    Welcome to the registration page!<br>
  </h1>
  <h4 style="padding-bottom: 30px;">
    <br>Thanks for using my website, I hope you enjoy my services and we can cooperate!
  </h4>
  <hr>
  <form onsubmit="register(event)">
    <div class="d-flex flex-column justify-content-center border-right" style="padding-left: 33px;">
      <div class="d-flex flex-column RegObj">
        <label for="regusername">Username</label>
        <input type="text" name="id" id="regusername" style="width: 25%;min-width:150px" autocomplete="off" required>
      </div>
      <div class="d-flex flex-column RegObj">
        <label for="regemail">Email</label>
        <input type="email" name="email" id="regemail" style="width: 25%;min-width:150px" autocomplete="on" required>
      </div>
      <div class="d-flex flex-column RegObj">
        <label for="regpass">Password</label>
        <input type="password" name="password" id="regpass" style="width: 25%;min-width:150px" autocomplete="on" required>
      </div>
      <button type="submit" class="regbtn">
        Register
      </button>
    </div>
  </form>
</div>
```

 IlyaSamarov

ABOUTPORTFOLIOSERVICESCONTACTS

SIGN IN

Welcome to the registration page!

Thanks for using my website, I hope you enjoy my services and we can cooperate!

Username

Email

Password

Register

Стили, используемые на странице регистрации:

```
.register {
  height: 100vh;
  padding-left: 10%;
}

.RegObj {
  padding-top: 1.5%;
}

.regbtn {
  width: 25%;
  min-width: 150px;
  margin-top: 5%;
  background-color: #02011e;
  color: #8738f8;
}
```

Вывод

В данной лабораторной работе я научился работать с bootstrap, оценил его очевидные преимущества и удобство, и, по итогу, реализовал верстку сайта-портфолио