



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

CSE 3002 INTERNET AND WEB PROGRAMMING
ETH

DIGITAL ASSIGNMENT -1

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Github link for portfolio: <https://github.com/ranjitmnair/19BCE0126-IWP-DA1>

Also uploaded in Github classroom:

https://github.com/JayakumarClassroom/fs_21_22_cse3002_eth_g2_iwp-ranjitmnaier/tree/main/Digital%20Assignment%20-%201

Github Pages link: <https://ranjitmnair.github.io/19BCE0126-IWP-DA1/>

Step by Step procedure:

1. Create index.html file
2. Import font awesome online library for icons to be added
3. Download free vector png for coding image (added to home page)
4. Create navbar with tabs such as Home, About, Skills, Projects, Contact
5. Also add tabs for LinkedIn and Github links.
6. Create Sections for each Tab with the help of divs
7. In home section, add introduction and an image to the right
8. In about section, explain about yourselves
9. Also add a button to download your resume
10. In project section, add 3 projects created by you with their github links.
11. Describe about each project in brief
12. In Contact section, add a button which takes the user to your LinkedIn/Gmail
13. Create a style.css file
14. Import poppins font from Google fonts.
15. As a standard, set margin and padding to zero
16. Style every element according to the needs
17. Style Navbar accordingly (very important)
18. Keep the navbar position fixed
19. Style every section (Home, About, Skills, Projects and Contact) Accordingly.
20. Use effects such as transition, hover and other pseudo selector properties available in CSS
21. Add a footer
22. Style every button accordingly
23. Look that every link is perfectly added
24. Create script.js file
25. Create events for pointers, transition etc
26. Describe events for scroll, if (scroll bar is created externally)
27. Check if the webpage is working properly
28. Initialize git command
29. Add all files to remote Github Repository
30. In the settings pane in your remote github repository, select Github pages
31. Select main branch and root folder
32. Github automatically hosts index.html file to github pages and provides the link
33. Check if the link works properly

10 points that I learned

1. I learned more about the use of sections and divs to divide content in several parts
2. Learned about color schemes, especially about the colors that go together.
3. Understood the use of vector images
4. I learned more about the z-index attribute in CSS
5. Font Awesome icons helped me during my journey of creating the website
6. Learned more about pseudo selectors like hover
7. Learned to make responsive webpages without using the help of bootstrap by using
8. Learned about transition effects.
9. Learned about github pages (more about it, rarely used before)
10. Learned about creating gradient background colors using CSS (not used in the webpage though)

Why everyone needs a personal webpage:

In the modern era, Personal website/webpage is more useful and catchy rather than normal resume PDFs. It not only displays everything present in the resume/cover letter in a beautiful manner but also displays your coding skills (if the website is self-created). Also, adding links to personal profiles in social media becomes easier. It also helps in displaying projects in a wonderful manner. Not only in the work field, personal websites are also important for people in the creative sector. It increases their brand value and acts as a proof of work. Many individuals, including entrepreneurs, professionals in the digital, media, entertainment, and creative professions, and even hobbyists, believe that having one is a must.

Furthermore, because it permits your information to appear in Google searches, your personal website can make it simpler for people to employ you, even if you have never applied for a job. This is particularly useful if you have an online portfolio, which leads us to the following topic.

You may display your work and give proof of your expertise by creating your own website. If you work in a creative area such as writing, designing, painting, or music, this is a must-have. While your talents can be listed on your CV, having a portfolio allows others to see exactly what you've done.

Github Pages link: <https://ranjitmnair.github.io/19BCE0126-IWP-DA1/>

Code:

index.html

```
<!DOCTYPE html>

<html lang="en" dir="ltr">
  <head>
    <meta charset="UTF-8">
    <title> Ranjit Nair </title>
    <link rel="stylesheet" href="style.css">
    <!-- Fontawesome CDN Link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.2/css/all.min.css"/>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
  <body>

    <nav>
      <div class="navbar">
        <ul class="menu">
          <li><a href="#home">Home</a></li>
          <li><a href="#about">About</a></li>
          <li><a href="#skills">Skills</a></li>
          <li><a href="#projects">Projects</a></li>
          <li><a href="#contact">Contact</a></li>
          <div class="cancel-btn">
            <i class="fas fa-times"></i>
          </div>
        </ul>
        <div class="media-icons">
          <a href="https://www.linkedin.com/in/ranjitnair19/" target="_blank"><i class="fab
fa-linkedin"></i></a>
          <a href="https://github.com/ranjitmnair" target="_blank"><i class="fab fa-
github"></i></a>
        </div>
      </div>
      <div class="menu-btn">
        <i class="fas fa-bars"></i>
      </div>
    </nav>

    <!-- Home Section Start -->
    <section class="home" id="home">
      <div class="home-content">
        <div class="text">
          <div class="text-one">Hello,</div>
          <div class="text-two">I'm Ranjit Nair</div>
          <div class="text-three">Programmer | Developer</div>
          <div class="text-four">B.Tech, 3rd Year VIT Vellore</div>
          
        </div>
      </div>
    </section>
  </body>
</html>
```

```

    </div>

</section>

<!-- About Section Start -->
<section class="about" id="about">
    <div class="content">
        <div class="title"><span>About Me</span></div>
        <div class="about-details">
            <div class="right">
                <div class="topic">I like Developing Web Pages ♡</div>
                <p>Over the 3 years in my university, apart from my regular studies, I have had a
                keen interest in developing web pages. I have tried my hands on both frontend and backend
                technologies. I have acquired good experience in HTML,CSS and Javascript and have also
                explored technologies and frameworks like Bootstrap, NodeJS and Express. I have also
                developed applications on both SQL and NoSQL databases.</p>
                <div class="button">
                    <button><a
href="https://drive.google.com/file/d/1lBbnLrWXfPY9e43Mx7U1qPvrVm9j0JeV/view?usp=sharing"
target="_blank">Download CV</a></button>
                    </div>
                </div>
            </div>
        </div>
    </div>

</section>

<section class="projects" id="projects">
    <div class="content">
        <div class="title"><span>My Projects</span></div>
        <div class="boxes">
            <div class="box" style="background-color: blueviolet;">
                <div class="icon">
                    <i class="fas fa-desktop"></i>
                </div>
                <div class="topic">investing.ly</div>
                <p>Investing.ly is an API created with the help of Node, Express and MongoDB that
                helps track prices of stocks, cryptocurrencies and mutual funds at a single place.</p>
                <div class="button" style="background-color: black;"><a
href="https://github.com/ranjitmnair/investing.ly" target="_blank">View Project</a></div>
            </div>
            <div class="box" style="background-color: blueviolet;">
                <div class="icon">
                    <i class="fas fa-code"></i>
                </div>
                <div class="topic">CodEvents</div>
                <p>CodEvents is a platfrom that lets programming enthusiasts find coding contests,
                hackathons and webinars at a single destination.(Node+MySQL)</p>
                <div class="button" style="background-color: black;"><a
href="https://github.com/ranjitmnair/CodEvents" target="_blank">View Project</a></div>
            </div>
        </div>
    </div>

```


style.css

```
/* Google Font CDN Link */
@import url('https://fonts.googleapis.com/css2?family=Poppins:wght@500&display=swap');
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  text-decoration: none;
  scroll-behavior: smooth;
  color: white;
  font-family: 'Poppins', sans-serif;
}

nav{
  position: fixed;
  width: 100%;
  padding: 20px 0;
  z-index: 998;
  color: wheat;
  background-color: #0f0f70;
  transition: all 0.3s ease;
}

nav.sticky{
  background: #4070f4;
  padding: 13px 0;
}

nav .navbar{
  width: 90%;
  display: flex;
  justify-content: space-between;
  align-items: center;
  margin: auto;
}

nav .navbar .logo a{
  font-weight: 500;
  font-size: 35px;
  color: wheat;
}

.imag{
  float: right;
  width: 25%;
}

nav .navbar .menu{
  display: flex;
  position: relative;
}
```

```
nav .navbar .menu li{
  list-style: none;
  margin: 0 8px;
}

.navbar .menu a{
  font-size: 18px;
  font-weight: 500;
  color:wheat;
  padding: 6px 0;
  transition: all 0.4s ease;
}

.navbar .menu a:hover{
  color: #4070f4;
}

nav.sticky .menu a{
  color: #FFF;
}

nav.sticky .menu a:hover{
  color: #0E2431;
}

.navbar .media-icons a{
  color: #4070f4;
  font-size: 18px;
  margin: 0 6px;
}

nav.sticky .media-icons a{
  color: #FFF;
}

/* Side Navigation Menu Button CSS */
nav .menu-btn,
.navbar .menu .cancel-btn{
  position: absolute;
  color: #fff;
  right: 30px;
  top: 20px;
  font-size: 20px;
  cursor: pointer;
  transition: all 0.3s ease;
  display: none;
}

nav .menu-btn{
  color: #4070f4;
}

nav.sticky .menu-btn{
  color: #FFF;
}

.navbar .menu .menu-btn{
  color: #fff;
}

/* home section styling */
.home{
  height: 100vh;
```



```
width: 100%;
background-size: cover;
background-position: center;
background-color: #0a0a4b;
background-attachment: fixed;
}

.home .home-content{
width: 90%;
height: 100%;
margin: auto;
display: flex;
flex-direction: column;
justify-content: center;
}

.home .text-one{
font-size: 25px;
color: white;
}

.home .text-two{
color: white;
font-size: 75px;
font-weight: 600;
margin-left: -3px;
}

.home .text-three{
font-size: 40px;
margin: 5px 0;
color: whitesmoke;
}

.home .text-four{
font-size: 23px;
margin: 5px 0;
color: whitesmoke;
}

.home .button{
margin: 14px 0;
}

section{
padding-top: 40px;
background-color: rgb(221, 183, 112);
}

section .content{
width: 80%;
margin: 40px auto;
font-family: 'Poppins', sans-serif;
}

.about .about-details{
display: flex;
justify-content: space-between;
```

```
    align-items: center;
}
section .title{
    display: flex;
    justify-content: center;
    margin-bottom: 40px;
}
section .title span{
    color: #0E2431;
    font-size: 30px;
    font-weight: 600;
    position: relative;
    padding-bottom: 8px;
}
section .title span::before,
section .title span::after{
    content: '';
    position: absolute;
    height: 3px;
    width: 100%;
    background: #4070f4;
    left: 0;
    bottom: 0;
}
section .title span::after{
    bottom: -7px;
    width: 70%;
    left: 50%;
    transform: translateX(-50%);
}

.about-details .right{
    width: 55%;
}
section .topic{
    color: #0E2431;
    font-size: 25px;
    font-weight: 500;
    margin-bottom: 10px;
}
.about-details .right p{
    text-align: justify;
    color: #0E2431;
}
section .button{
    margin: 16px 0;
}
section .button button{
    outline: none;
    padding: 8px 16px;
    border-radius: 4px;
    font-size: 25px;
    font-weight: 400;
}
```

```
background: #4070f4;
color: #fff;
border: 2px solid transparent;
cursor: pointer;
transition: all 0.4s ease;
}
section .button button:hover{
border-color: #4070f4;
background-color: #fff;
color: #4070f4;
}

.projects{
background-color: #4070f4;
}

.projects .boxes{
display: flex;
flex-wrap: wrap;
justify-content: space-between;
}

.projects .boxes .box{
margin: 20px 0;
width: calc(100% / 3 - 20px);
text-align: center;
border-radius: 12px;
padding: 30px 10px;
box-shadow: 3px 5px 10px rgba(160, 15, 15, 0.12);
cursor: default;
transition: all 0.4s ease;
}

.projects .boxes .box:hover{
background: #a0b6f1;
color: #fff;
}

.projects .boxes .box .icon{
height: 50px;
width: 50px;
background: #96a9df;
border-radius: 50%;
text-align: center;
line-height: 50px;
font-size: 18px;
color: #fff;
margin: 0 auto 10px auto;
transition: all 0.4s ease;
}

.projects .boxes .box:hover .icon{
background-color: #fff;
color: #68718b;
}

.projects .boxes .box:hover .topic,
.projects .boxes .box:hover p{
```

```
    color: #0E2431;
    transition: all 0.4s ease;
}
.projects .boxes .box:hover .topic,
.projects .boxes .box:hover p{
    color: #fff;
}

.contact{
    background: #F0F8FF;
}
.contact .content{
    margin: 0 auto;
    padding: 30px 0;
}
.contact .text{
    width: 80%;
    text-align: center;
    margin: auto;
}

footer{
    background: #4070f4;
    padding: 15px 0;
    text-align: center;
    font-family: 'Poppins', sans-serif;
}
footer .text span{
    font-size: 17px;
    font-weight: 400;
    color: #fff;
}
footer .text span a{
    font-weight: 500;
    color: #FFF;
}
footer .text span a:hover{
    text-decoration: underline;
}

/* Scroll TO Top Button CSS */
.scroll-button a{
    position: fixed;
    bottom: 20px;
    right: 20px;
    color: #fff;
    background: #4070f4;
    padding: 7px 12px;;
    font-size: 18px;
    border-radius: 6px;
    box-shadow: rgba(0, 0, 0, 0.15);
    display: none;
}

/* Responsive Media Query */
```

```
@media (max-width: 1190px) {  
  section .content{  
    width: 85%;  
  }  
}  
  
@media (max-width: 1000px) {  
  .about .about-details{  
    justify-content: center;  
    flex-direction: column;  
  }  
  .about .about-details .left{  
    display: flex;  
    justify-content: center;  
    width: 100%;  
  }  
  .about-details .right{  
    width: 90%;  
    margin: 40px 0;  
  }  
  .projects .boxes .box{  
    margin: 20px 0;  
    width: calc(100% / 2 - 20px);  
  }  
}
```

```
@media (max-width: 750px) {  
  nav .navbar{  
    width: 90%;  
  }  
  nav .navbar .menu{  
    position: fixed;  
    left: -100%;  
    top: 0;  
    background: #0E2431;  
    height: 100vh;  
    max-width: 400px;  
    width: 100%;  
    padding-top: 60px;  
    flex-direction: column;  
    align-items: center;  
    transition: all 0.5s ease;  
  }  
  .navbar.active .menu{  
    left: 0;  
  }  
  nav .navbar .menu a{  
    font-size: 23px;  
    display: block;  
    color: #fff;  
    margin: 10px 0;  
  }  
  nav.sticky .menu a:hover{  
    color: #4070f4;  
  }  
}
```

```
}
nav .navbar .media-icons{
  display: none;
}
nav .menu-btn,
.navbar .menu .cancel-btn{
  display: block;
}
.home .text-two{
  font-size: 65px;
}
.home .text-three{
  font-size: 35px;
}
.skills .skills-details{
  align-items: center;
  justify-content: center;
  flex-direction: column;
}
.skills-details .text{
  width: 100%;
  margin-bottom: 50px;
}
.skills-details .boxes{
  justify-content: center;
  align-items: center;
  width: 100%;
}
.projects .boxes .box{
  margin: 20px 0;
  width: 100%;
}
.contact .text{
  width: 100%;
}
}
}

@media (max-width: 500px){
  .home .text-two{
    font-size: 55px;
  }
  .home .text-three{
    font-size: 33px;
  }
}
}
```

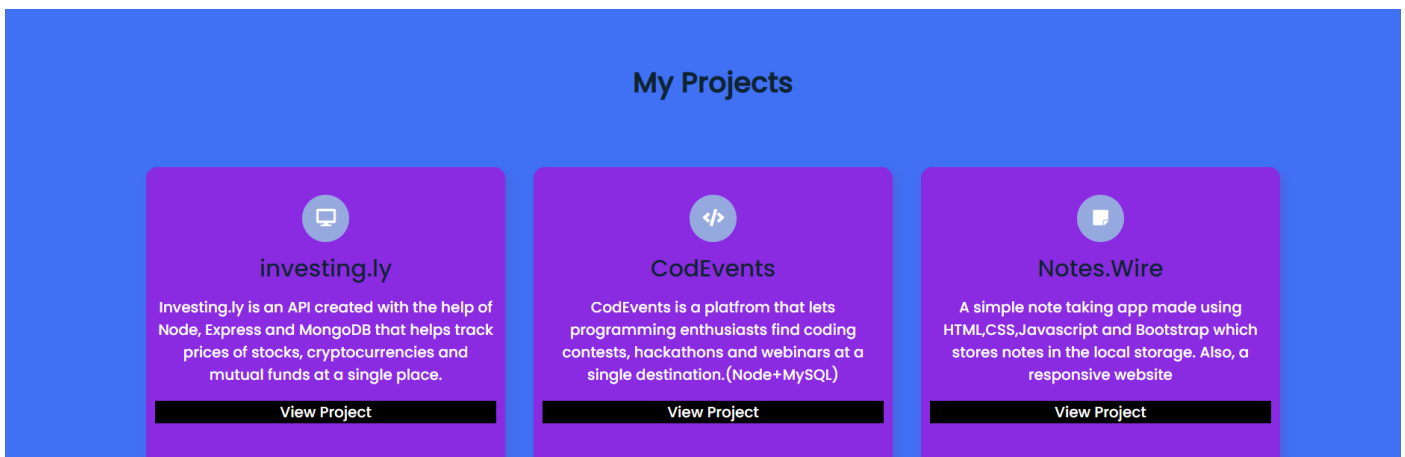
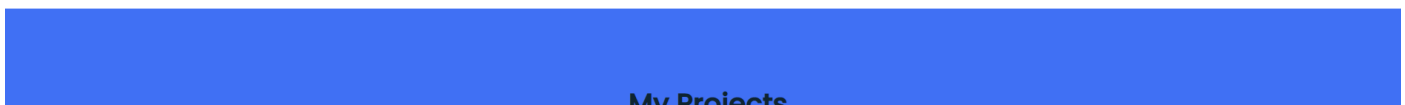
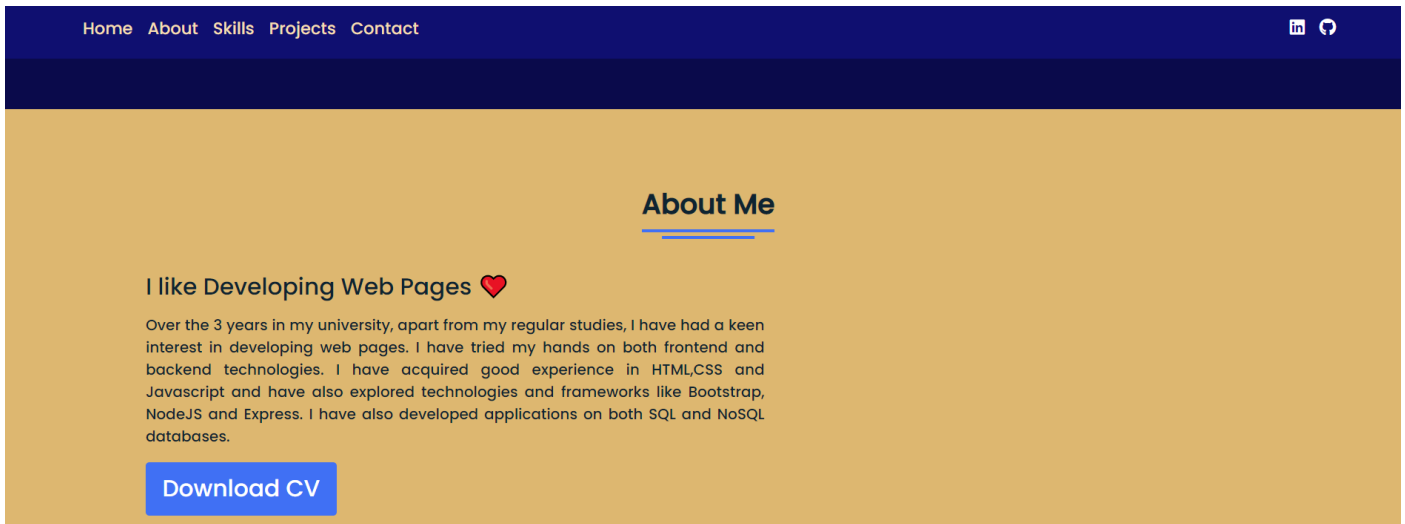
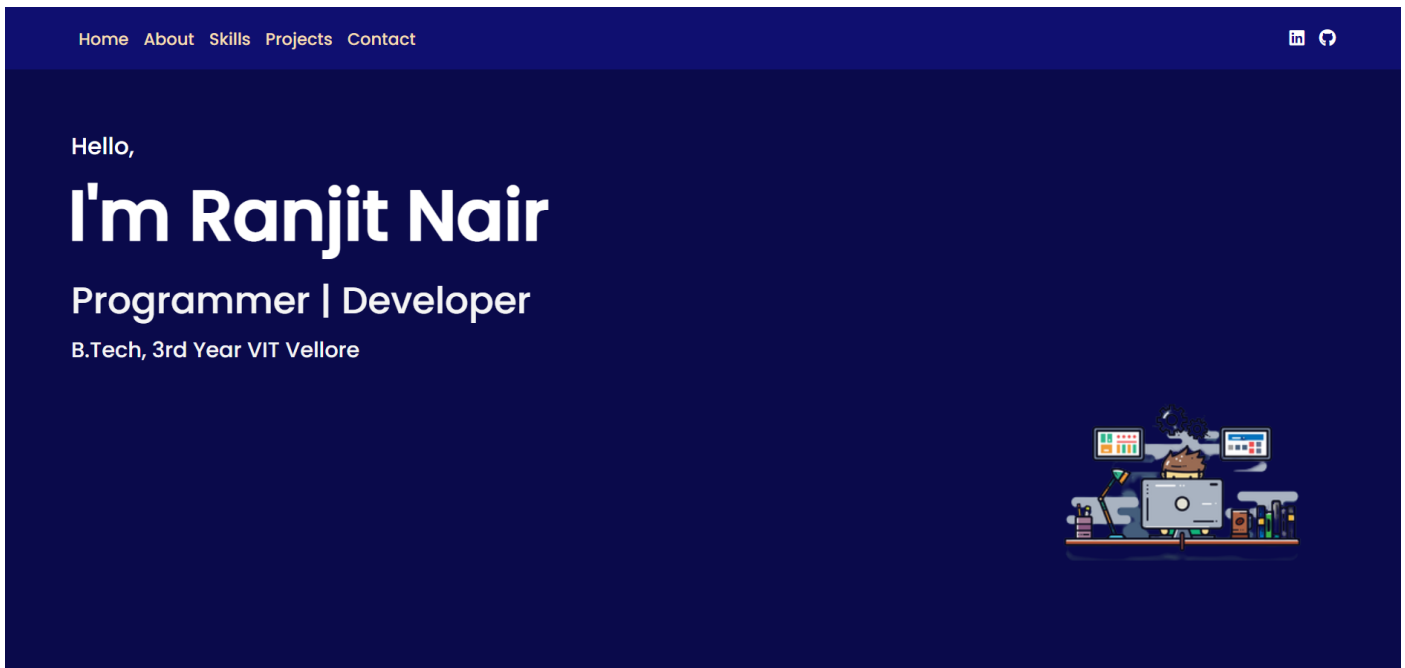
script.js

```
let nav = document.querySelector("nav");
let scrollBtn = document.querySelector(".scroll-button a");
console.log(scrollBtn);
let val;
window.onscroll = function() {
  if(document.documentElement.scrollTop > 20){
    nav.classList.add("sticky");
    scrollBtn.style.display = "block";
  }else{
    nav.classList.remove("sticky");
    scrollBtn.style.display = "none";
  }
}

let body = document.querySelector("body");
let navBar = document.querySelector(".navbar");
let menuBtn = document.querySelector(".menu-btn");
let cancelBtn = document.querySelector(".cancel-btn");
menuBtn.onclick = function(){
  navBar.classList.add("active");
  menuBtn.style.opacity = "0";
  menuBtn.style.pointerEvents = "none";
  body.style.overflow = "hidden";
  scrollBtn.style.pointerEvents = "none";
}
cancelBtn.onclick = function(){
  navBar.classList.remove("active");
  menuBtn.style.opacity = "1";
  menuBtn.style.pointerEvents = "auto";
  body.style.overflow = "auto";
  scrollBtn.style.pointerEvents = "auto";
}

let navLinks = document.querySelectorAll(".menu li a");
for (var i = 0; i < navLinks.length; i++) {
  navLinks[i].addEventListener("click" , function() {
    navBar.classList.remove("active");
    menuBtn.style.opacity = "1";
    menuBtn.style.pointerEvents = "auto";
  });
}
```

Screenshots





investing.ly

Investing.ly is an API created with the help of Node, Express and MongoDB that helps track prices of stocks, cryptocurrencies and mutual funds at a single place.

[View Project](#)

CodEvents

CodEvents is a platform that lets programming enthusiasts find coding contests, hackathons and webinars at a single destination. (Node+MySQL)

[View Project](#)

Notes.Wire

A simple note taking app made using HTML, CSS, Javascript and Bootstrap which stores notes in the local storage. Also, a responsive website

[View Project](#)

Contact Me

[Let's Connect](#)