



LOVELY
PROFESSIONAL
UNIVERSITY

Batch 2024- 2028

Project Report On

“PERSONAL PORTFOLIO WEBSITE”

**Prepared for
Continuous Assessment-3
2024**

PROJECT SUBMIT:

- DR. ARWINDER DHILLON

SUBMITTED BY: - Jerushwin Rejoy

Reg no: - 12406531

Roll no: - 49

Section :- K24CS



DECLARATION

I, Jerushwin Rejoy P, hereby declare that the work presented in Continuous Assessment 3 is my own effort and has not been copied from any other source. All sources used for references, quotes, and data have been duly acknowledged. This assessment represents my own understanding and analysis of the subject matter. I understand the consequences of academic dishonesty and affirm that this work is original and has not been submitted for assessment in any other course or institution.

**Jerushwin Rejoy P
Reg no: 12406531
Session: 2024-2028**

CERTIFICATE

This is to certify that the declaration statement made by the student is correct to the best of my knowledge and belief. He have completed this Project under my guidance and supervision. The present work is the result of his/her original investigation, effort and study. No part of the work has ever been submitted for any other degree at any University. The Project is fit for the submission and partial fulfillment of the conditions for the award of Bachelor of Technology degree in Computer Science and Engineering from Lovely Professional University, Phagwara.

Signature of Supervisor

(Arwinder Dhillon)

Assistant Professor Department of Computer Science & Engineering

Lovely Professional University, Punjab Date: 8th November, 2024

ACKNOWLEDGEMENT

I would like to acknowledge that I, Jerushwin Rejoy P, have carefully reviewed and accepted the terms of the declaration for Continuous Assessment 3. I confirm that the work presented in this assessment is entirely my own effort and has been conducted with academic integrity. I have taken care to ensure that all sources used for references, quotes, and data have been appropriately acknowledged. Furthermore, I acknowledge the significance of academic honesty and the consequences associated with any form of dishonesty. I affirm that this assessment reflects my genuine understanding and analysis of the subject matter and has not been submitted for assessment in any other course or institution.

Jerushwin Rejoy P

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Abstract

This portfolio website presents my journey and accomplishments in cybersecurity and blockchain. Featuring sections on my background, key achievements, and contact information, the site is designed to establish a professional online presence. With a clean, user-focused layout, the website highlights my dedication to advancing technology and cybersecurity. It serves as both a personal brand platform and a space for connecting with those interested in secure and innovative technology solutions. This site marks a significant step forward in my professional journey as I explore and contribute to the field of cybersecurity.



Objective

The objective of this portfolio website is to establish a professional online presence that highlights my background and accomplishments in cybersecurity and blockchain. By showcasing my achievements, skills, and contact information, the website aims to connect me with like-minded individuals, industry professionals, and potential collaborators. This platform not only reflects my dedication to cybersecurity and technology but also serves as a resource for sharing insights and building a network within the tech community.

Technology used

This portfolio website has been developed using a combination of modern web technologies to ensure a seamless user experience. The front-end is built using HTML5 and CSS3, providing a clean and responsive design. CSS is used for styling and layout, ensuring the site is visually appealing across various screen sizes. The website is optimized for mobile devices, offering a smooth and accessible browsing experience. Additionally, the use of responsive design principles ensures compatibility with a wide range of devices. For future scalability and interactivity, JavaScript can be integrated into the site. The website's content is hosted using standard web hosting platforms, ensuring reliable access and performance.

Workflow

- Visitor lands on Homepage → Sees introduction and navigation links.
- Clicks on a Navigation Link → Is redirected to the corresponding section (About, Projects, etc.).
- Explores Projects → Clicks on project links to download or view project details.
- Sees Achievements → Reads about awards and recognitions.
- Contact Section → Fills out the form or contacts through social media links.

1. Homepage (Landing Page)

- Purpose: The homepage serves as the introduction to the portfolio. It contains an engaging welcome message and links to other pages (such as About Me, Projects, Achievements, and Contact).
- Working:
 - The navigation bar at the top allows users to easily jump to different sections of the site.

- The main content introduces you, giving an overview of what the portfolio includes. This content is visually enhanced with a background image that sets the tone for the page.



- On smaller devices, the navigation bar adjusts to a vertical layout for better readability and navigation.

2. About Me Section

- Purpose: This section provides a brief introduction to who you are, your background, and your journey as a professional. It helps potential employers or clients understand your goals and expertise.
- Working:
 - You can include text that explains your education, skills, and aspirations.
 - Optionally, you can include a profile picture and other personal details like your CV or downloadable PDF.

3. Projects Section

- Purpose: This section showcases the projects you've worked on, highlighting your skills and knowledge. Each project is described with a brief overview and provides a download link or detailed description.
- Working:
 - For each project, there is a description of the project's goals, your contributions, and the technology used.

- Projects may include images, links to demos, or downloadable PDFs that viewers can access.
- The projects listed can serve as examples of your work, allowing visitors to see how you apply your knowledge.



4. Achievements Section

- **Purpose:** The Achievements section highlights your key milestones and accolades. These could be awards, recognitions, or certifications that validate your skills and accomplishments.
- **Working:**
 - For each achievement, you provide a description of the recognition, such as awards won or significant academic and professional accomplishments.
 - You may link to documents or certifications for further verification or viewing.

5. Contact Section

- **Purpose:** The contact section allows visitors to get in touch with you for potential job opportunities, collaborations, or inquiries.
- **Working:**
 - The contact form allows users to send you messages directly from the website. It collects the name, email, and message, and when the form is submitted, the data can be sent to a server-side script (like PHP) to process the submission.
 - Additionally, the section provides your phone number, email address, and links to social media profiles (Instagram,

LinkedIn, etc.) for users who may want to contact you through other channels.



6. Navigation Bar

- **Purpose:** The navigation bar is a critical part of your site's usability. It helps visitors move seamlessly between the different sections of your portfolio.
- **Working:**
 - Each item in the navigation bar (like "About Me", "Projects", etc.) is linked to the corresponding page or section.
 - When clicked, it will either scroll the page to that section (if it's on a single page) or load a new page (if it's a multi-page layout).
 - The navigation bar also adapts to mobile screens for easier navigation on smartphones and tablets.

7. Responsive Design

- **Purpose:** The portfolio is built to be fully responsive, meaning it adjusts to various screen sizes, ensuring an optimal viewing experience across devices (desktop, tablet, smartphone).
- **Working:**
 - The CSS media queries ensure that on smaller screens, the layout changes, such as stacking the navigation links vertically instead of horizontally.
 - Elements like the contact form and the project descriptions adjust to fill the screen appropriately on mobile devices.

Backend Functionality (for Contact Form)

- **Purpose:** The contact form enables users to directly send you messages from the website.



Code snippets of the project

```
↳ 01.html  X  ↳ about.html  ↳ project.html  # style.css  ↳ achi.html 7  ↳ cont.html

↳ 01.html > ...
1   <!DOCTYPE html>
2   <html lang="en">
3   |   <head>
4   |       <meta charset="UTF-8" />
5   |       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   |       <title>Personal Portfolio Website</title>
7   |       <link rel="stylesheet" href="style.css" />
8   |   </head>
9   |   <body>
10  |       <div class="jeru">
11  |           <nav>
12  |               <ul>
13  |                   <li><a href="01.html">Home</a></li>
14  |
15  |                   <li><a href="about.html">About</a></li>
16  |
17  |                   <li><a href="project.html">Projects</a></li>
18  |
19  |                   <li><a href="achi.html">Achievements</a></li>
20  |
21  |                   <li><a href="cont.html">Contact</a></li>
22  |
23  |               </ul>
24  |           </nav>
25  |
26  |           <div class="content">
27  |               <span class="title">A CYBER SECURITY PROFESSIONAL</span>
28  |               <h1>Hello, I'm <u><span>JERUSH</span></u></h1>
29  |               <p>
30  |                   I'm working on a professional, visually sophisticated and
31  |                   technologically proficient, responsive and multi-functional React
32  |                   Components.
33  |               </p>
34  |           </div>
35  |       </div>
36  |   </body>
37  |</html>
38
39
```

```
↳ 01.html    ↳ about.html X    ↳ project.html    # style.css    ↳ achi.html 7    ↳ cont.html  
↳ about.html > ⚡ html > ⚡ body > ⚡ div.jeru1 > ⚡ p  
1   <!DOCTYPE html>  
2   <html lang="en">  
3   <head>  
4       <meta charset="UTF-8">  
5       <meta name="viewport" content="width=1, initial-scale=1.0">  
6       <title>Document</title>  
7       <style>  
8           * {  
9               margin: 0px;  
10              padding: 0px;  
11              box-sizing: border-box;  
12              font-family: "Poppins", sans-serif;  
13          }  
14          .jeru1{  
15              width: 100%;  
16              height: 100vh;  
17              background: url(InShot_20241029_062958997.jpg);  
18              background-size: cover;  
19              padding: 10px;  
20              overflow: hidden;  
21              background-color: ■#e9e9e9;  
22          }  
23          .jeru1 p{  
24              padding: 15px;  
25              margin: 5px;  
26              width: 800px;  
27              text-align: justify;  
28              padding-top: 35px;  
29              padding-left: 80px;  
30              padding-right: 80px;  
31              padding-bottom: 40px;  
32              padding-top: 40px;  
33              margin-top: 20px;  
34              color: □#303030e4;  
35              background-color: ■rgba(255, 255, 255, 0.619);  
36          }  
37          .jeru1 h1{  
38              margin-top: 10px;  
39              padding-left: 40px;  
40              font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;;  
41              font-size: 40px;  
42              color: □rgba(191, 5, 5, 0.785);  
43          }  
44          /* .jeru1 {  
45             position:static;  
46             top: 35%;  
47             left: 8%;  
48         } */  
49          </style>
```

```
◊ 01.html ◊ about.html X ◊ project.html # style.css ◊ achi.html 7 ◊ cont.html
◊ about.html > ◊ html > ◊ body > ◊ div.jeru1 > ◊ p
2   <html lang="en">
3     <head>
4       <style>
5     </style>
6   </head>
7   <body>
8     <div class="jeru1">
9       <h1> ABOUT ME</h1>
10      <p>
11        Hi! I'm Jerush, a college student with a passion for technology, cybersecurity, and blockchain.
12        I'm currently studying at Lovely Professional University (LPU), where I dive into the fascinating
13        world of cybersecurity and blockchain technology. I'm driven by a desire to understand how we can
14        keep data secure in an increasingly digital world-and how technology can shape the future.
15
16
17        <br> <br>I recently started a blog about blockchain, aiming to make it easy to understand for everyone.
18        Blockchain isn't just about cryptocurrency; it has the potential to transform how we handle data, secure
19        information, and even do business. Through my blog, I break down these concepts for beginners and tech
20        enthusiasts alike.
21
22
23        <br> <br> As a Python programmer, I love creating solutions that turn ideas into reality, from building
24        secure applications to solving everyday problems. Coding lets me bring my ideas to life, and I'm always
25        looking to learn and improve.
26
27
28        <br> <br> Beyond my studies, I enjoy participating in bootcamps and team projects where I get to build,
29        collaborate, and grow. Whether I'm brainstorming with classmates or leading a presentation, I'm always
30        up for new challenges.
31
32      </p>
33    </div>
34  </body>
35 </html>
```

```
01.html      about.html    project.html X # style.css  achi.html 7  cont.html
project.html > html > body > div.pd > p
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Projects</title>
7      <style>
8          body {
9              background-image: url(IMG_20241029_084703.jpg);
10             background-size: cover;
11             color: #333;
12             font-family: "Poppins", sans-serif;
13             margin: 0;
14             padding: 30px;
15         }
16
17         h1 {
18             color: rgba(29, 28, 28, 0.785);
19             font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
20             padding-left: 10px;
21         }
22
23         .pd {
24             background-color: #e9e9e9;
25             padding: 20px;
26             border-radius: 2px; /* Slightly increased border-radius for a softer look */
27             max-width: 600px;
28             margin: 20px; /* Center the project boxes */
29             box-shadow: 0 4px 8px rgba(80, 79, 79, 0.979); /* Subtle shadow */
30         }
31
32         a {
33             color: #333;
34             font-weight: bold;
35             text-decoration: none; /* Remove underline from links */
36         }
37
38         a:hover {
39             color: #221e1e;
40         }
41     </style>
42 </head>
43 <body>
```

```
44
45     <h1>MY PROJECTS</h1>
46
47     <div class="pd">
48         <h3>Securino Talk Zone</h3>
49         <p>A project designed to enhance secure communication using Arduino. This project focuses on
50             building a secure communication module, allowing users to transmit messages in a protected
51             environment. It's an innovative approach to integrating Arduino technology into personal
52             and commercial security systems.</p>
53
54         <ul>
55             <li>
56                 |   <a href="pro1.pdf" download>Securino Talk Zone</a>
57             </li>
58         </ul>
59     </div>
60
61     <div class="pd">
62         <h3>Melody Music with Arduino</h3>
63         <p>This project creates a simple melody generator using Arduino. The Melody Music project allows
64             users to program and play custom tunes through Arduino, combining technology with creativity
65             to produce sound in a fun, interactive way.</p>
66
67         <ul>
68             <li>
69                 |   <a href="pro2.pdf" download>Melody Music with Arduino</a>
70             </li>
71         </ul>
72     </div>
73
74 </body>
75 </html>
76
```

```
# style.css > ...
1
2   * {
3     margin: 0;
4     padding: 0;
5     box-sizing: border-box;
6     font-family: "Poppins", sans-serif;
7   }
8   a {
9     text-decoration: none;
10  }
11 .jeru {
12   width: 100%;
13   height: 100vh;
14   background: url(IMG_20241027_072406.jpg);
15   background-size: cover;
16   padding: 10px;
17   overflow: hidden;
18   background-color: #e9e9e9;
19
20
21 }
22 nav {
23   display: flex;
24   background-color: #f3ecec5d;
25   border-radius: 5px;
26   height: 2px;
27   padding-top: 20px;
28   align-items: center;
29   justify-content: right;
30   padding: 30px 15px;
31   box-shadow: 0 4px 8px rgba(92, 90, 90, 0.818);
32   /* box-shadow: #1919b3; */
33 }
34
35 /* overflow: hidden; */
36 /* background-color: #e9e9e9; */
37
38
39
40
41 nav ul li {
42   list-style: none;
43   display: inline-block;
44   padding: 20px 20px;
45   /* background-color: rgba(255, 255, 255, 0.619); */
46   /* height: 1px; */
```

```
# style.css > .content
40
41 nav ul li {
42   list-style: none;
43   display: inline-block;
44   padding: 20px 20px;
45   /* background-color: rgba(255, 255, 255, 0.619); */
46   /* height: 1px; */
47
48
49 }
50 nav ul li a {
51   color: #1d1d24;
52   position: relative;
53   padding: 5px 0;
54 }
55 .jeru input[type=text] {
56   float: right;
57   padding: 6px;
58   border: none;
59   margin-top: 12px;
60   margin-right: 16px;
61   font-size: 17px;
62   border-radius: 5px;
63 }
64 nav ul li a:hover {
65   color: #ffffff;
66   transition: 0.5s;
67 }
68 .content {
69   position: absolute;
70   top: 35%;
71   left: 8%;
72 }
73 .content .title {
74   color: #0a0a0ab9;
75   font-size: 15px;
76   text-transform: uppercase;
77   letter-spacing: 4px;
78   display: inline-block;
79   margin-bottom: 20px;
80   background-color: #rgba(255, 255, 255, 0.619);
81   /* border-radius: 3px; */
82   padding-left: 3px;
83   box-shadow: 0 4px 8px #rgba(191, 5, 5, 0.355);
84 }
```

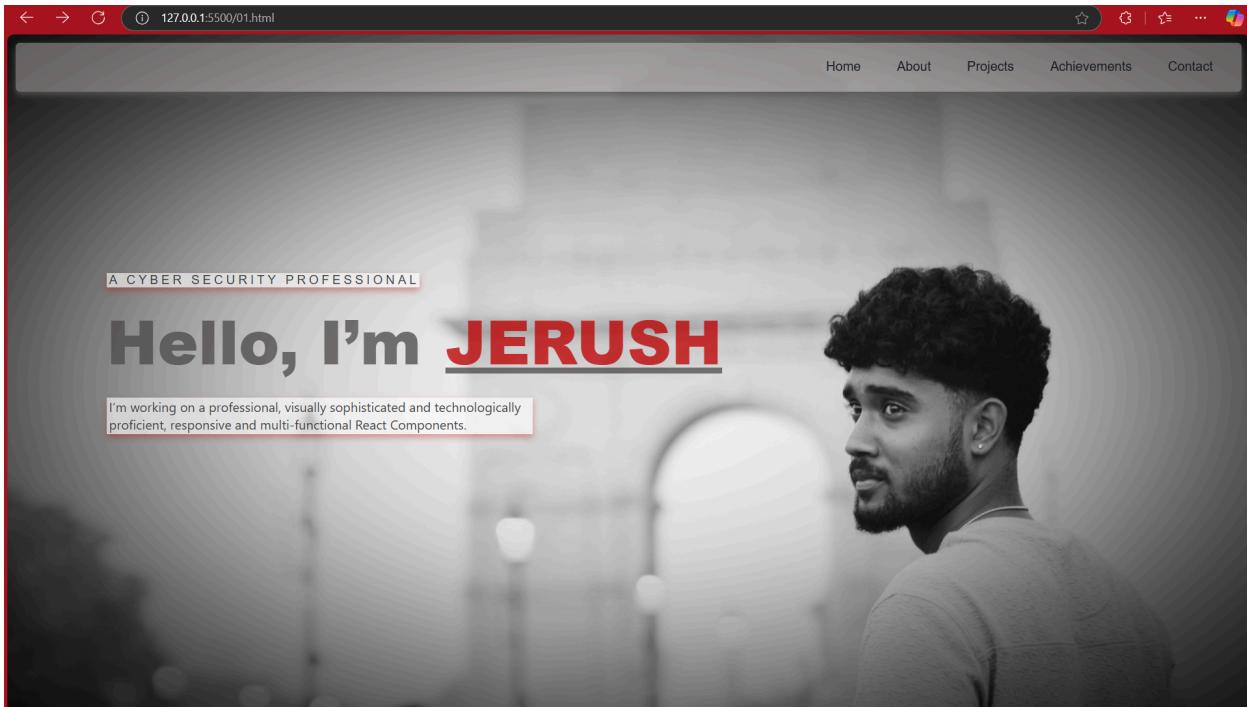
```
# style.css > ↗.content
73   .content .title {
84   }
85   .content h1 {
86     color: □#4c4a4ac0;
87     font-size: 75px;
88     font-weight: 900;
89     line-height: 90px;
90     text-transform: inherit;
91     /* width: 70%; */
92   }
93   .content h1 span {
94     color: □rgba(191, 5, 5, 0.785);
95     border-radius: 5px;
96     padding: 5px;
97   }
98   .content p {
99     width: 55%;
100    color: □#303030e4;
101    background-color: □rgba(255, 255, 255, 0.619);
102    /* border-radius: 2px; */
103    padding-left: 3px;
104    margin-top: 25px;
105    margin-bottom: 30px;
106    font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
107    padding-bottom: 2px;
108    box-shadow: 0 4px 8px □rgba(191, 5, 5, 0.355);
109 }
```

```
01.html      about.html    project.html  # style.css  achi.html 7 X  cont.html
◊ achi.html > ◊ html > ◊ body > ◊ div.pd > ◊ p
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Projects</title>
7      <style>
8          body {
9              background-image: url(IMG_20241029_084703.jpg);
10             background-size: cover;
11             color: #333;
12             font-family: "Poppins", sans-serif;
13             margin: 0;
14             padding: 30px;
15         }
16
17
18         h1 {
19             color: #292828;
20             font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
21             padding-left: 10px;
22             sh
23         }
24
25         .pd {
26             background-color: #121212;
27             padding: 20px;
28             /* border-radius: 2px; */
29             max-width: 900px;
30             margin: 20px;
31             box-shadow: 0 4px 8px #292828;
32         }
33
34         a {
35             color: #333;
36             font-weight: bold;
37         }
38
39         a:hover {
40             color: #221e1e;
41         }
42     </style>
43     </head>
44     <body>
```

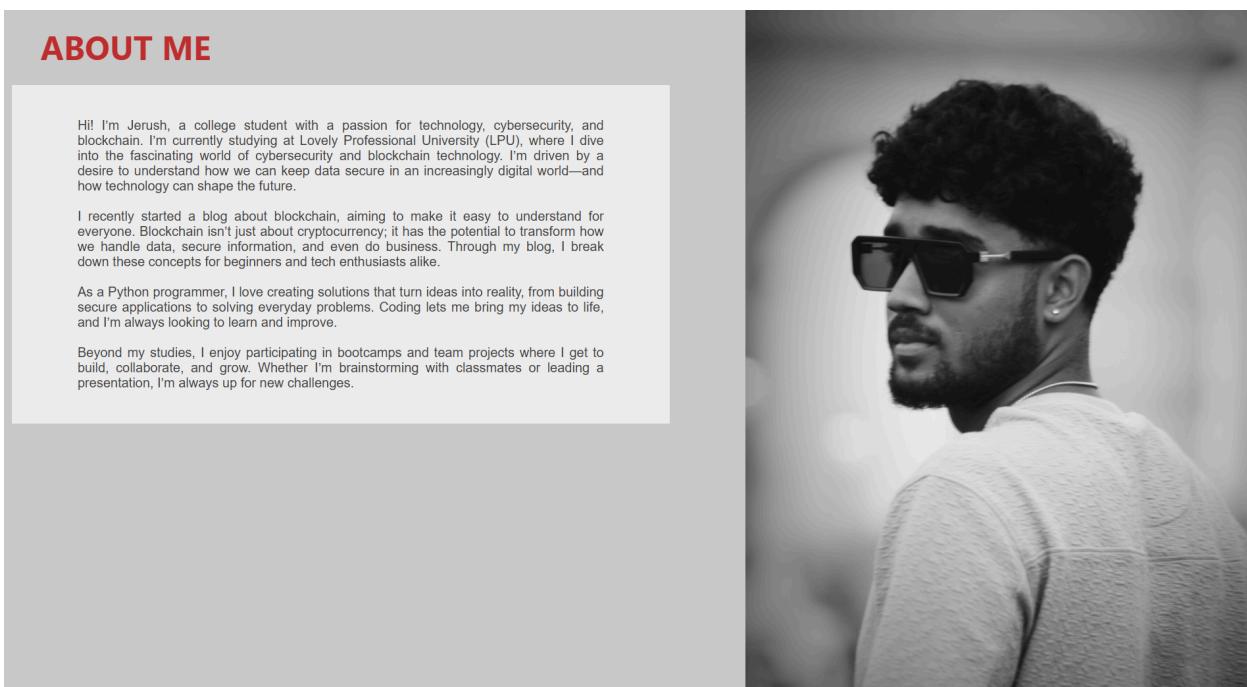
```
43  </head>
44  <body>
45
46      <h1>ACHIEVEMENTS</h1>
47
48      <div class="pd">
49          <h3>BoG (Best out going award 2023-24)</h3>
50          <!-- 
51          <p>Blog Award Recognition<br><br>
52
53          I am honored to have received the [Name of the Award] for my blog, which focuses
54          on blockchain technology. This recognition reflects my dedication to educating
55          others about the complexities and possibilities of blockchain. The award acknowledges
56          not only the quality of my content but also my efforts in making the subject
57          accessible and engaging to a wider audience.
58
59          Receiving this award has been a significant milestone in my blogging journey.
60          It validates the countless hours spent researching, writing, and refining my
61          posts to ensure they resonate with readers. The recognition has also motivated
62          me to continue exploring new topics, improve my writing skills, and deepen my
63          understanding of blockchain technology.
64
65          This achievement has encouraged me to engage more actively with my audience,
66          fostering a sense of community around shared interests. I am excited to use this
67          platform to inspire curiosity and discussions about the transformative power of
68          blockchain in various industries.
69
70          I am grateful for the support from my readers and peers, as their encouragement has
71          played a crucial role in my blogging success. This award is not just a personal
72          achievement but a testament to the importance of sharing knowledge and fostering
73          innovation in the tech space.</p>
74      <ul>
75          <li>
76              |   <a href="SNS academy - ARP_BOG Application From Jerush Final.pdf">Download BoG </a>
77          </li>
78      </ul>
79      </div>
80
81
82  </body>
83  </html>
84
```

```
01.html    about.html    project.html    # style.css    ach1.html 7    con.html X
con.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Contact</title>
7      <style>
8          body {
9              background-image: url(InShot_20241029_102155191.jpg);
10             background-size: cover;
11             color: #333;
12             font-family: "Poppins", sans-serif;
13             margin: 0;
14             padding: 30px;
15             display: flex;
16             justify-content: flex-end;
17         }
18
19         .contact {
20             background-color: #fffffa4;
21             padding: 20px;
22             border-radius: 10px;
23             max-width: 800px;
24             margin-top: 250px;
25             margin-right: 100px;
26             box-shadow: 0 4px 8px rgba(80, 79, 79, 0.979);
27         }
28
29         a {
30             color: #333;
31             text-decoration: none;
32         }
33
34         a:hover {
35             color: #221e1e;
36         }
37     </style>
38  </head>
39  <body>
40
41      <div class="contact">
42          <h2>CONTACT</h2>
43          <ul>
44              <li><strong>Phone:</strong> +91-9036452663</li>
45              <li><strong>Email:</strong> <a href="mailto:your-jerushwin1313@gmail.com">jerushwin1313@gmail.com</a></li>
46              <li><strong>Instagram:</strong> <a href="https://www.instagram.com/_jerushhh?igsh=MmJmcjF4bjNNTm">_jerushhh</a></li>
47              <li><strong>LinkedIn:</strong> <a href="https://www.linkedin.com/in/jerushwin-rejoy-p-857761313?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app">Jerushwin Rejoy P</a></li>
48          </ul>
49      </div>
50
51  </body>
52  </html>
```

Home page



About page



ABOUT ME

Hi! I'm Jerush, a college student with a passion for technology, cybersecurity, and blockchain. I'm currently studying at Lovely Professional University (LPU), where I dive into the fascinating world of cybersecurity and blockchain technology. I'm driven by a desire to understand how we can keep data secure in an increasingly digital world—and how technology can shape the future.

I recently started a blog about blockchain, aiming to make it easy to understand for everyone. Blockchain isn't just about cryptocurrency; it has the potential to transform how we handle data, secure information, and even do business. Through my blog, I break down these concepts for beginners and tech enthusiasts alike.

As a Python programmer, I love creating solutions that turn ideas into reality, from building secure applications to solving everyday problems. Coding lets me bring my ideas to life, and I'm always looking to learn and improve.

Beyond my studies, I enjoy participating in bootcamps and team projects where I get to build, collaborate, and grow. Whether I'm brainstorming with classmates or leading a presentation, I'm always up for new challenges.

My Projects page

MY PROJECTS

Securino Talk Zone

A project designed to enhance secure communication using Arduino. This project focuses on building a secure communication module, allowing users to transmit messages in a protected environment. It's an innovative approach to integrating Arduino technology into personal and commercial security systems.

- [Securino Talk Zone](#)

Melody Music with Arduino

This project creates a simple melody generator using Arduino. The Melody Music project allows users to program and play custom tunes through Arduino, combining technology with creativity to produce sound in a fun, interactive way.

- [Melody Music with Arduino](#)

Achievements

ACHIEVEMENTS

BoG (Best out going award 2023-24)

Blog Award Recognition

I am honored to have received the [Name of the Award] for my blog, which focuses on blockchain technology. This recognition reflects my dedication to educating others about the complexities and possibilities of blockchain. The award acknowledges not only the quality of my content but also my efforts in making the subject accessible and engaging to a wider audience. Receiving this award has been a significant milestone in my blogging journey. It validates the countless hours spent researching, writing, and refining my posts to ensure they resonate with readers. The recognition has also motivated me to continue exploring new topics, improve my writing skills, and deepen my understanding of blockchain technology. This achievement has encouraged me to engage more actively with my audience, fostering a sense of community around shared interests. I am excited to use this platform to inspire curiosity and discussions about the transformative power of blockchain in various industries. I am grateful for the support from my readers and peers, as their encouragement has played a crucial role in my blogging success. This award is not just a personal achievement but a testament to the importance of sharing knowledge and fostering innovation in the tech space.

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Contact



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THANK YOU

