

# COIS-2430: Web Development I: Front End

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## Assignment 3

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## Question 1

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### Part 1 (Portfolio)

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#### 1. Code

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My Portfolio</title>
  <link rel="stylesheet" href="./styles/main.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.5.1/css/all.min.css">
</head>
<body>
  <header>
    <nav>
      <div class = "name"><h1>MY PORTFOLIO</h1></div>
      <div class = "navbar">
        <ul>
          <li><a href="./index.html">HOME</a></li>
          <li><a href="./cv.html">RESUME</a></li>
          <li><a href="#about">INFO</a></li>
          <li><a href="#icons">SOCIAL_MEDIA</a></li>
        </ul>
      </div>
    </nav>
  </header>

  <div class="intro">
    <div class="left">
      Hi! I am <span class="cc">Arpan Arora</span>,
    <div class = "job"></div>
  </div>
```

my

Structures

Agile

delivery.

developer,

```
<div class="right"></div>
</div>

<section class="exp" id="about">
  <h1>About me</h1>
  <p>Hello! I'm a second-year Computer Science student at Trent University
    with a passion for programming and web development. Currently honing
    skills in various languages, I specialize in HTML, CSS and JavaScript,
    crafting engaging and dynamic web experiences. Proficient in Python,
    I've also delved into Java and C#, particularly focusing on Data
    Structures and Algorithms. Beyond coding, I'm well-versed in both Waterfall and
    Agile development methodologies, ensuring efficient project management and
    delivery. With the drive for innovation, I aspire to be a versatile software
    developer, shaping the digital landscape with creativity and precision.
  </p>
</section>

<section class="skill">
  <h1>Skills</h1>
  <table>
    <tr>
      <th>Languages</th>
      <th>Proficiency Level (1-5)</th>
    </tr>
    <tr>
      <td>HTML</td>
      <td>4</td>
    </tr>
    <tr>
      <td>CSS</td>
      <td>4</td>
    </tr>
    <tr>
      <td>JavaScript</td>
      <td>4</td>
    </tr>
    <tr>
      <td>Python</td>
      <td>5</td>
    </tr>
    <tr>
      <td>C#</td>
      <td>3</td>
    </tr>
    <tr>
      <td>Java</td>
      <td>3</td>
    </tr>
  </table>
```

```

</section>

<footer>
  <div class="socialicons" id="icons">
    <table>
      <tr>
        <td><a href="https://www.instagram.com/arpanarora227/"><i
class="fa-brands fa-instagram"></i></a></td>
        <td><a href="https://www.facebook.com/profile.php?
id=100081544340655"><i class="fa-brands fa-facebook-f"></i></a></td>
        <td><a href="https://www.linkedin.com/in/arpanarora2277/"><i
class="fa-brands fa-linkedin"></i></a></td>
        <td><a href="https://twitter.com/"><i class="fa-brands fa-x-
twitter"></i></a></td>
      </tr>
    </table>
  </div>
</footer>

</body>
</html>

```

## CSS

```

@import url(reset.css);
@import url("https://fonts.googleapis.com/css2?
family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,1
00;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&display=swap");

:root{
  --primebg: black;
  --secondarybg: #1f1f1f;
  --primecolor: white;
  --secondarycolorhover: cyan;
  --secondarycolor:aquamarine;
}

body {
  font-family: "Poppins", sans-serif;
  background-color:var(--primebg);
  color: var(--primecolor);
  font-size: 1.3em;
}

/* Navigation Bar */
nav {
  display: flex;
  justify-content: space-around;
  align-items: center;
  background-color: var(--secondarybg);
  height: 3.3em;
}

```

```
}

nav ul {
  display: flex;
}

nav ul li a {
  padding: 0.4em;
  list-style: none;
  margin: 0em 1.3em;
  color: var(--primecolor);
  text-decoration: none;
  transition: background-color 0.7s, box-shadow 0.4s, color 1s;
}

nav ul li a:hover {
  box-shadow: 0.1em 0.2em 0.2em silver;
  color: var(--secondarycolorhover);
  font-size: 1.01em;
}

/* Home page */
.intro{
  display: flex;
  justify-content: space-around;
  align-items: center;
  margin: 2em 0em;
}

.intro>div{
  width: 40%;
}

/* Left Section of Home page */
.left{
  font-size: 2.4em;
}

@keyframes typing{
  40% {
    content: "a Web Developer";
  }

  30%{
    content: "a Web Devel";
  }

  20%{
    content: "a Web";
  }

  0%, 10%{
    content: "a W";
  }
}
```

```
}

50% {
    content: "and a Soft";
}

60%{
    content: "and a Software";
}

70% {
    content: "and a Software Eng";
}

80% {
    content: "and a Software Engine";
}

90%, 100% {
    content: "and a Software Engineer";
}
}

.job::before{
    color: var(--secondarycolor);
    font-weight:500;
    content: "a Software Engineer";
    animation: typing 4s infinite linear;
}

/* Right section of the Home page */
.right img{
    border-radius: 2em;
    height: auto;
    max-width: 90%;
    border-color:black;
}

.cc{
    color:var(--secondarycolorhover);
    font-weight: 700;
}

/* About me or Info */
.exp{
    margin: 5em 19em 3em 3em;
    text-align: justify;
    padding: 2em;
    border: 1.3em dashed var(--secondarybg);
    border-radius:2em;
}
```

```
@keyframes colorchange {
  0% {
    color: var(--secondarycolorhover);
  }

  50% {
    color: var(--secondarycolor);
  }

  100% {
    color: var(--secondarycolorhover);
  }
}

.exp h1{
  animation: colorchange 5s infinite linear;
  margin: 0 0 1.2em 0;
}

.exp p{
  font-size: 85%;
}

/* Skills */
.skill{
  margin: 5em 21em 3em 21em;
  border: 1.3em dashed var(--secondarybg);
  border-radius: 2em;
  display:inline-block;
  padding:1em 3em;
}

.skill table{
  border: 0.2em solid var(--secondarybg);
  margin: 1em 0em 4em;
}

.skill h1{
  animation: colorchange 5s infinite linear;
  margin: 1.2em 0em;
  text-align: center;
}

.skill th, .skill td{
  padding: 0.5em;
  text-align:center;
  border: 0.2em solid var(--secondarybg);
}

.skill th{
  font-weight: 800;
```

```
}

/* Footer */
footer{
  background-color: var(--secondarybg);
  margin: 2em 0em 0em 0em;
  padding: 2em;
  border-radius: 1em;
}

footer table{
  margin: auto;
}

footer td{
  padding: 0em 3em;
  border-right: 0.2em solid var(--primecolor);
  border-left: 0.2em solid var(--primecolor);
}

footer i{
  font-size: 2em;
  color: var(--primecolor);
}

.fa-brands.fa-instagram:hover{
  color: red;
  transform: translateY(-0.1em);
}

.fa-brands.fa-facebook-f:hover{
  color: #3232db;
  transform: translateY(-0.3em);
}

.fa-brands.fa-linkedin:hover{
  color: #0e40bd;
  background-color: var(--primecolor);
  transform: translateY(-0.2em);
}

.fa-brands.fa-x-twitter:hover{
  color: grey;
  transform: translateY(-0.2em);
}

/* Media Query*/
@media only screen and (max-width: 48em) {
  body {
    font-size: 0.8em;
  }

  nav {
```

```
        flex-direction: column;
        height: auto;
    }

    nav ul {
        flex-direction: column;
    }

    nav ul li {
        margin: 0.5em 0;
    }

    .right img {
        max-width: 80%;
    }

    .intro, .exp, .skill {
        margin: 2em 1em;
    }
}
```

2. HTML Validation

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file index.html

Checker Input

Show ☐ source ☐ outline ☐ image report Options...

Check by 

file upload ▾

Choose File No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Document checking completed. No errors or warnings to show.

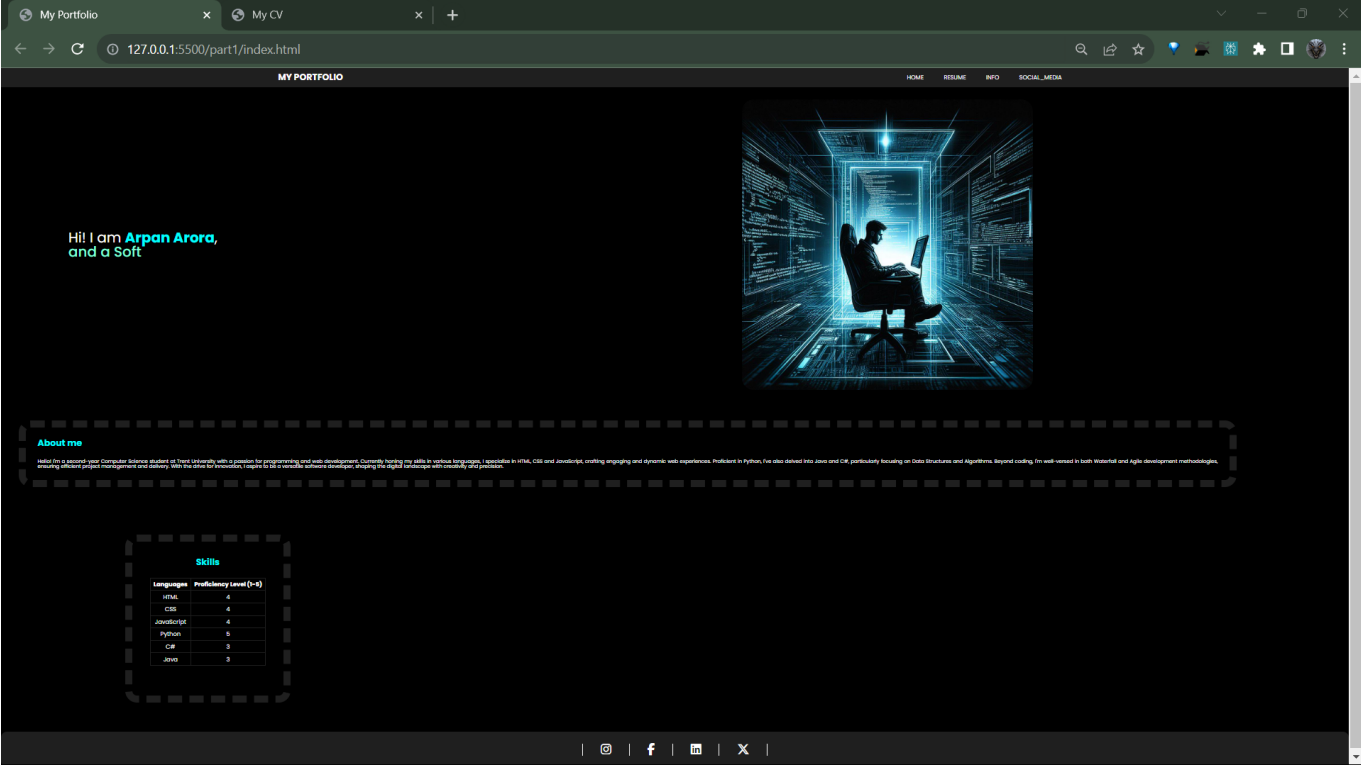
Used the HTML parser.  
Total execution time 3 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 24.3.18

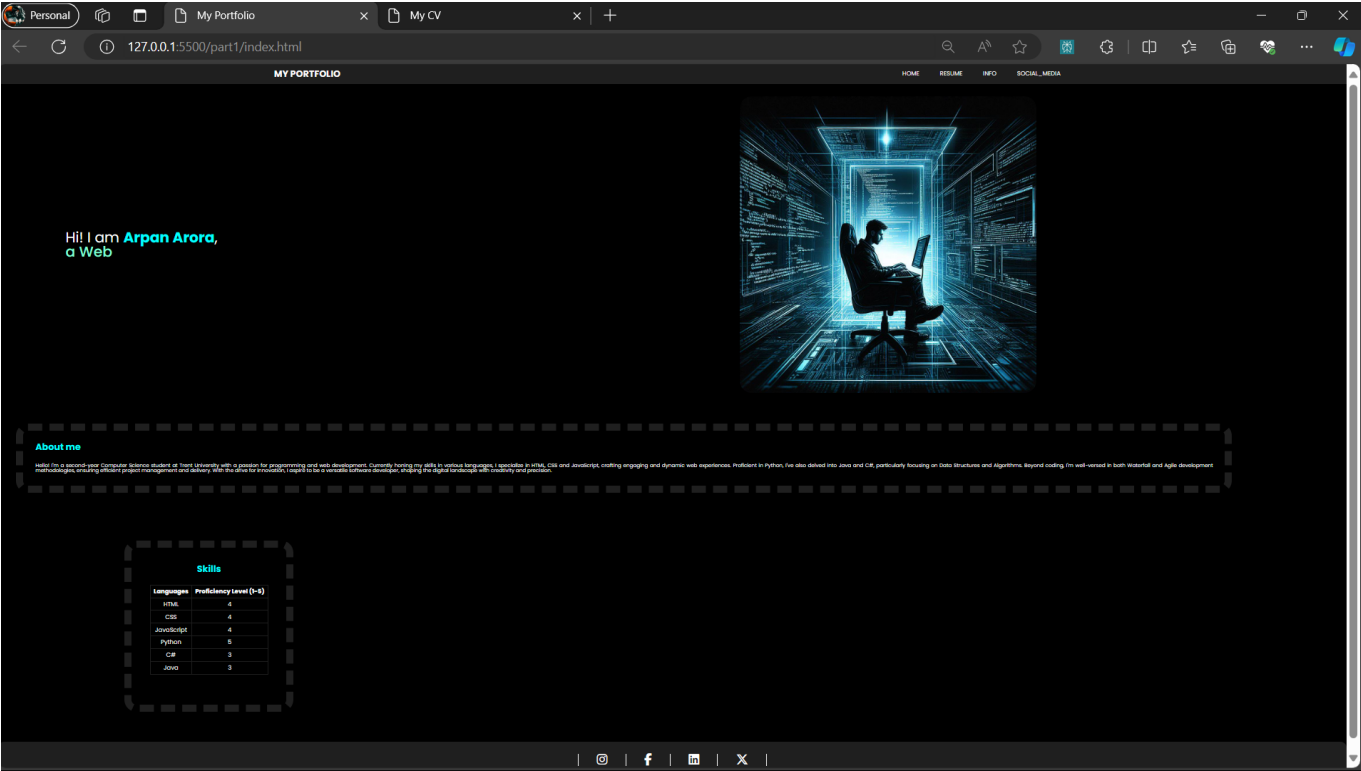
3. Cross-Browser and Cross-Platform Testing

Chrome

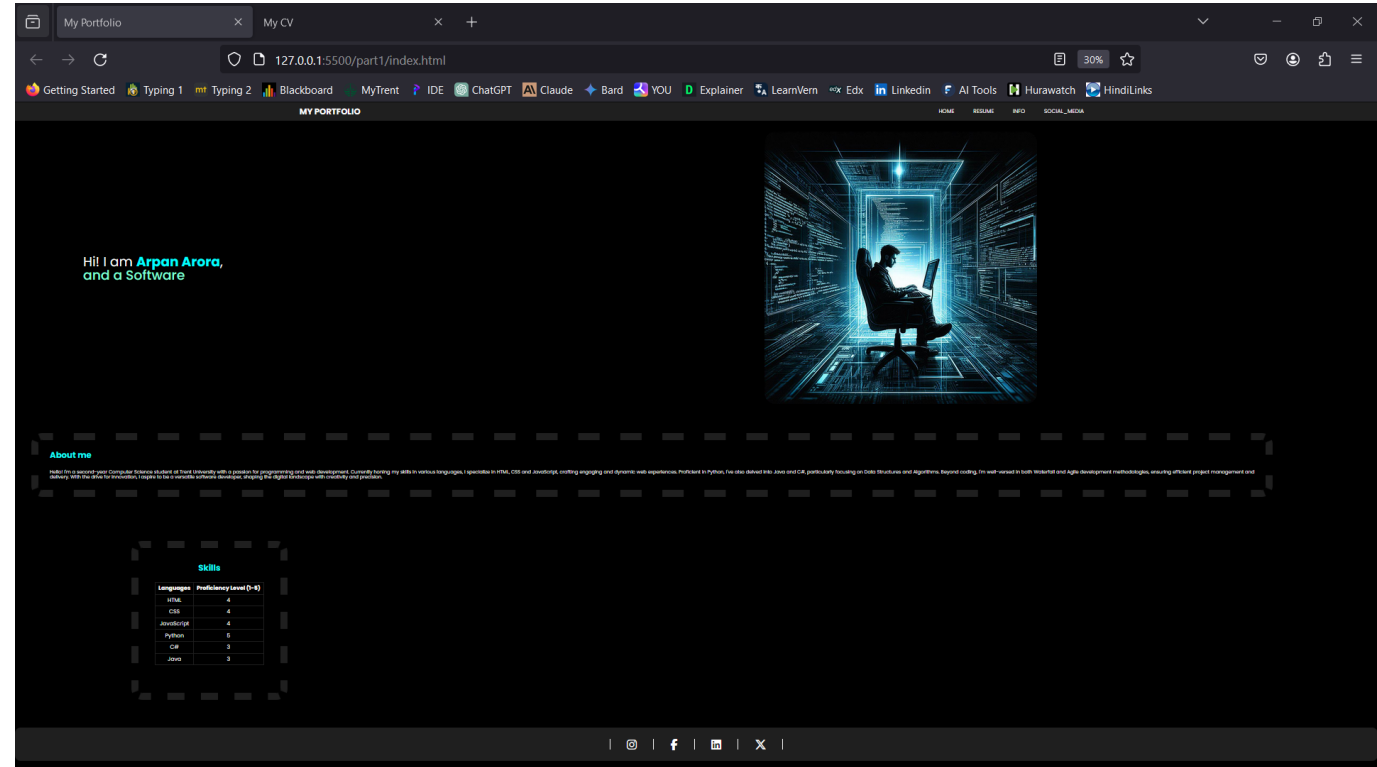




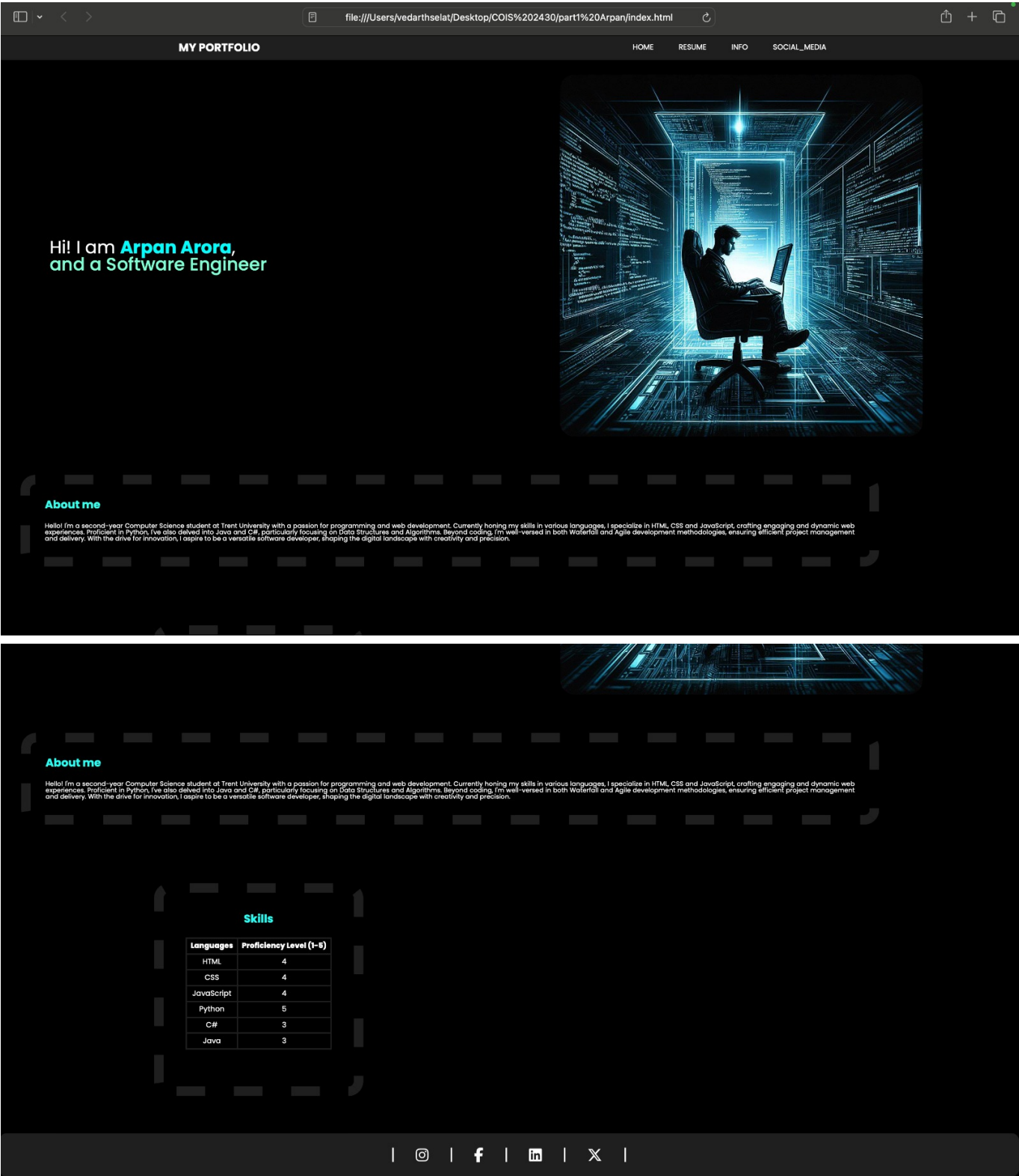
Edge



Firefox



Safari

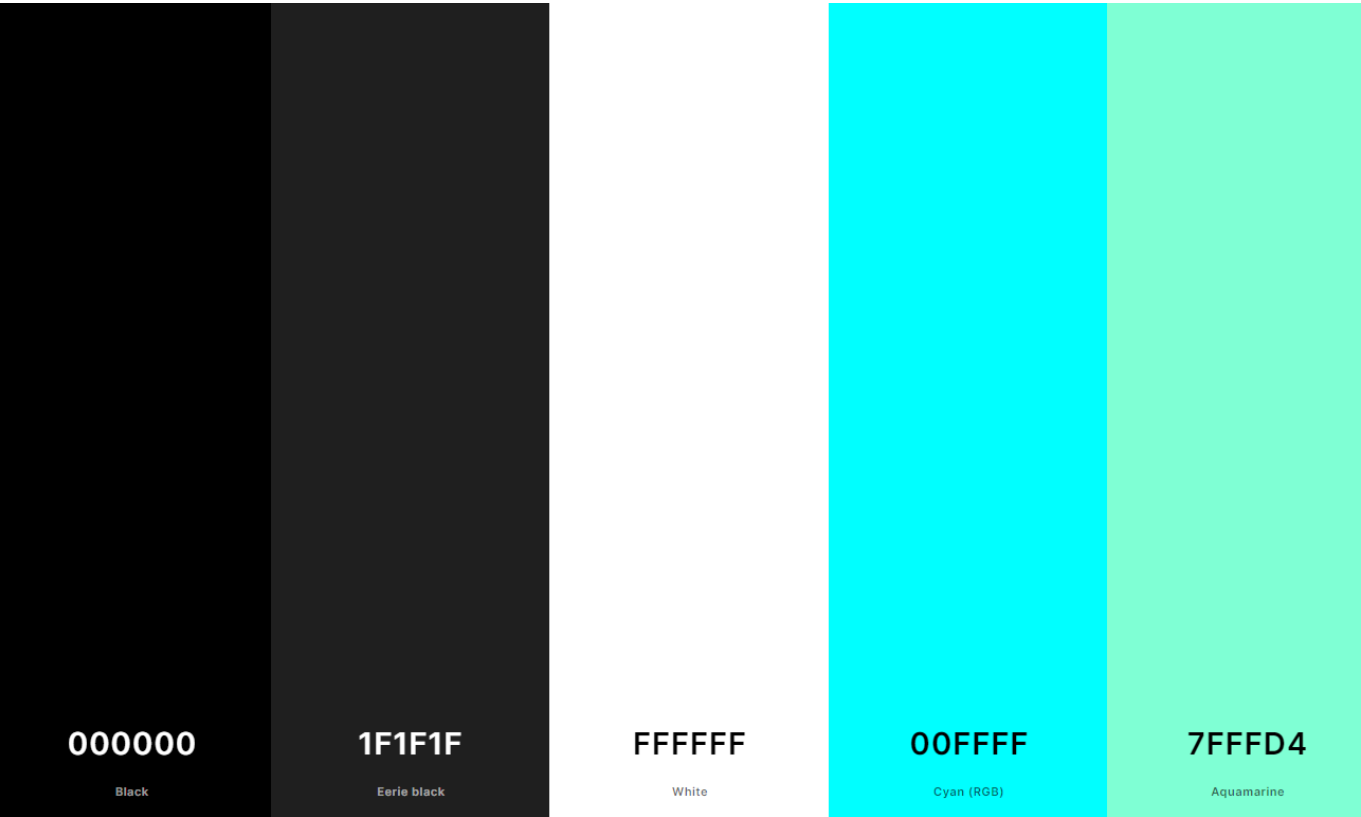


## 4. Accessibility Testing

### Color Palette

- 1. #000000 (Primary Background)
- 2. #1f1f1f (Secondary Background)
- 3. #ffffff (Primary Text)
- 4. #00ffff (Secondary Color Hover)
- 5. #7fffd4 (Secondary Color)

Palette



1. #000000 (Primary Background) tested with each color

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#FFFFFF

Color Picker

Alpha  
1

Luminance

Background

Hex Value  
#000000

Color Picker

Luminance

Contrast Ratio

21:1

[permalink](#)

## Normal Text

WCAG AA: **Pass**

WCAG AAA: **Pass**

The five boxing wizards jump quickly.

## Large Text

WCAG AA: **Pass**

WCAG AAA: **Pass**

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: **Pass**

✓

Text Input

1. #ffffff

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#00FFFF

Color PickerAlpha1

Luminance

Background

Hex Value  
#000000

Color Picker

Luminance

Contrast Ratio

16.74:1

[permalink](#)

## Normal Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Large Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: Pass

✓  
Text Input

2. #00ffff

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#7FFFD4

Color Picker

Alpha  
1

Luminance

Background

Hex Value  
#000000

Color Picker

Luminance

Contrast Ratio

17.15:1

[permalink](#)

## Normal Text

WCAG AA: **Pass**

WCAG AAA: **Pass**

The five boxing wizards jump quickly.

## Large Text

WCAG AA: **Pass**

WCAG AAA: **Pass**

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: **Pass**

✓

Text Input

3. #7fffd4

2. #1f1f1f (Secondary Background) tested with each color

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#FFFFFF

Color Picker

Alpha  
1

Luminance

Background

Hex Value  
#1F1F1F

Color Picker

Luminance

Contrast Ratio

16.48:1

[permalink](#)

## Normal Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Large Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: Pass

✓

Text Input

- 1. #ffffff
- 2. #00ffff




# Contrast Checker


[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#00FFFF


Color Picker  



Alpha  
1

Luminance  


Background

Hex Value  
#1F1F1F

Color Picker  


Luminance  


Contrast Ratio

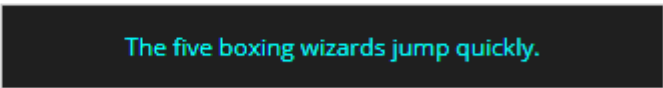
13.14:1

[permalink](#)

## Normal Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Large Text


WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: Pass



✓  
Text Input

3. #7fffd4

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#7FFFD4

Color Picker

Alpha  
1

Luminance

Background

Hex Value  
#1F1F1F

Color Picker

Luminance

Contrast Ratio

13.46:1

[permalink](#)

## Normal Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Large Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: Pass

✓

Text Input

# Part 2 (CV)

## 1. Code

### HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My CV</title>
  <link rel="stylesheet" href="./styles/main2.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css">
</head>
<body>
```

```
<div class="main">
  <section class="left">
    <div class="profilepic">
      
    </div>
    <h2>ARPAN ARORA<br><span>WEB DEVELOPER</span></h2>
    <div class="contact">
      <h3>CONTACT</h3>
      <table>
        <tr>
          <td><i class="fa-solid fa-phone"></i></td>
          <td>+1 (249) 688 XXXX</td>
        </tr>
        <tr>
          <td><i class="fa-solid fa-envelope"></i></td>
          <td>arpanarora@trentu.ca</td>
        </tr>
        <tr>
          <td><i class="fa-solid fa-earth-america"></i></td>
          <td><a href="./index.html">My Website</a></td>
        </tr>
        <tr>
          <td><i class="fa-solid fa-house"></i></td>
          <td>364 wolf st., Peterborough, Canada</td>
        </tr>
      </table>
    </div>

    <div class="ed">
      <h3>EDUCATION</h3>
      <ul>
        <li>
          <p><span>0000-0000</span></p>
          <p>HIGH SCHOOL DIPLOMA, COMMERCE</p>
          <p>IPIS, New Delhi, India</p>
          <p>82%</p>
        </li>

        <li>
          <p><span>0000-0000</span></p>
          <p>BACHELOR OF SCIENCE (HONOURS), CS</p>
          <p>Trent University, Peterborough, Canada</p>
          <p>78%</p>
        </li>
      </ul>
    </div>

    <div class="exp">
      <h3>EXPERTISE</h3>
      <ul>
        <li>HTML</li>
        <li>CSS</li>
        <li>JavaScript</li>
      </ul>
    </div>
  </section>
</div>
```

```
<li>Python</li>
<li>C#</li>
<li>Java</li>
</ul>
</div>

<div class="circle"></div>
</section>

<section class="right">
  <div class="about">
    <div class="dot"></div>
    <h2>PROFILE</h2>
    <p>As a dedicated technology enthusiast embarking on my
programming journey, I am passionately
      committed to acquiring hands-on experience, honing my problem-
solving abilities, and cultivating
      strategic thinking skills. My goal is to actively contribute
to a dynamic team while continually
      expanding my knowledge. With a strong foundation in research
and an unwavering drive to learn, I
      am poised to meet the evolving challenges of the technology
field with enthusiasm and adaptability.
    </p>
  </div>

  <div class="job">
    <div class="dot"></div>
    <h2>EXPERIENCE</h2>
    <ul>
      <li>
        <p><span>0000-0000</span></p>
        <p>WEB DEVELOPER</p>
        <p>Google, Calgary, Canada</p>
        <p>As a web developer at Google, I designed
and implemented innovative solutions for
complex technical challenges, contributing to the
development of cutting-edge products.
        </p>
      </li>

      <li>
        <p><span>0000-0000</span></p>
        <p>WEB DEVELOPER</p>
        <p>Microsoft, Calgary, Canada</p>
        <p>Web developer with Microsoft, leveraging cutting-edge
technologies to create innovative web solutions that
drive user engagement and enhance digital experiences.
        </p>
      </li>
    </ul>
  </div>
```

```

        <div class="ref">
            <ul>
                <li>
                    <div class="dot"></div>
                    <h2>REFERENCE</h2>
                    <p>John Doe</p>
                    <p>Senior Executive, Peterborough</p>
                    <p>ABC Company, Peterborough, Canada</p>
                    <p>0000-000000</p>
                    <p>johndoe@gmail.com</p>
                    <p><a
href="https://cdn.dribbble.com/userupload/11785259/file/original-
49210cfd3f8dc63dfbd1bf07cd25a259.jpg?resize=752x">My Resume Reference</a></p>
                </li>
                <li>
                    <p>Satya Nadela</p>
                    <p>Senior Executive, Peterborough</p>
                    <p>Microsoft Company, Peterborough, Canada</p>
                    <p>0000-000000</p>
                    <p>microsoft@outlook.com</p>
                    <p><a href="https://microsoft.com/en-ca/">Microsoft</a>
</p>
                </li>
            </ul>
        </div>
        <div class="circle1"></div>
    </section>
    <footer>
        <p>Resume Reference: <a
href="https://cdn.dribbble.com/userupload/11785259/file/original-
49210cfd3f8dc63dfbd1bf07cd25a259.jpg?resize=752x">Click Me</a></p>
    </footer>
</div>

</body>
</html>

```

## CSS

```

@import url(reset.css);
@import url("https://fonts.googleapis.com/css2?
family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,1
00;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&display=swap");

:root{
    --primebg2: black;
    --navbarbg: #1f1f1f;
    --leftcvbg: #595859;
    --primebg: white;
    --hovercolor: cyan;
    --secondarycolor:#0198ff;

```

```
}

body {
  font-family: "Poppins", sans-serif;
  background-color: var(--primebg2);
  color: var(--primebg2);
  font-size: 1.3em;
  display: flex;
  justify-content: center;
  align-items: center;
  min-height: 100vh;
}

.main{
  width: 100%;
  max-width: 50em;
  min-height: 50em;
  background: white;
  display: grid;
  grid-template-columns: 1fr 2fr;
  margin: 2.4em;
}

/* Left Section */
.left{
  background: var(--leftcvbg);
  padding: 1.9em;
  display: flex;
  flex-direction: column;
  align-items: center;
  margin-right: 3em;
}

.profilepic img{
  width: 80%;
  border: 0.3em solid var(--primebg);
  border-radius: 9em;
  margin: 0em 0.8em;
}

.left h2{
  color: var(--primebg);
  font-weight: 700;
  text-align: center;
  line-height: 1.3em;
  margin-top: 1em;
  background: var(--secondarycolor);
  width: 130%;
  padding: 0.7em 0em;
}

.left h2 span{
  font-size: 0.8em;
  font-weight: 600;
```

```
}

.contact{
  margin-top:2em;
}

.contact h3{
  color: var(--primebg);
  margin-bottom:1em;
}

.contact table{
  font-size:80%;
  color:white;
}

.contact tr td{
  padding: 0.4em;
}

.contact a{
  text-decoration:none;
  color:var(--secondarycolor);
}

.contact a:hover{
  color:var(--hovercolor);
  font-size:110%;
}

.contact i{
  color:var(--secondarycolor);
  margin-right:1em;
}

.ed{
  margin-top:2em;
}

.ed h3{
  color: var(--primebg);
  margin-bottom:1em;
}

.ed ul li{
  font-size:90%;
  margin-bottom:1em;
}

.ed ul li span{
  color:var(--secondarycolor)
}

.ed ul li p{
  color:white;
```

```
    line-height:1.7em;
    font-size:90%;
}

.ed ul li p:nth-child(2){
    font-weight: 700;
}

.exp{
    margin-top:1em;
    align-self:flex-start;
}

.exp h3{
    color: var(--primebg);
    margin-bottom:1em;
    font-weight:400;
}

.exp ul{
    color:white;
    line-height:1.8em;
    font-size:70%;
    font-weight:300;
}

.circle{
    position:absolute;
    opacity:30%;
    transform:translate(-6.7em, 24em);
    z-index:1;
    width:2.4em;
    height:5.3em;
    background:grey;
    border-radius:0em 15em 15em 0;
}

/* Right Section */
.right{
    background:var(--primebg);
    padding:3em;
    border-left: 0.2em solid var(--leftcvbg);
    font-size:80%;
    display:flex;
    flex-direction:column;
    align-items:center;
}

.right h2{
    margin-bottom:1em;
    font-weight:600;
    font-size: 1.4em;
}
```



```
    color: var(--leftcvbg);
}

.dot{
    width:1em;
    height:1em;
    background-color:var(--leftcvbg);
    position:absolute;
    transform:translateX(-3.6em);
    border-radius: 5em;
}

.about p{
    line-height:1.5em;
    text-align:justify;
    font-size: 90%;
}

.job{
    margin-top:2em;
}

.job ul li{
    font-size:90%;
    margin-bottom:1em;
}

.job ul li span{
    color:var(--secondarycolor)
}

.job ul li p{
    color:var(--primebg2);
    line-height:2em;
    font-size:90%;
}

.job ul li p:nth-child(2){
    font-weight: 700;
    font-size:1.2em
}

.job ul li p:nth-child(4){
    margin-top:1em;
}

.ref{
    margin-top:2em;
    align-self:flex-start;
}

.ref p{
    line-height:2em;
}
```

```
.ref ul li{
  margin-bottom:1em;
}

.ref ul li p:first-of-type{
  font-weight: 700;
}

.ref ul li a{
  text-decoration:none;
  color:var(--secondarycolor);
}

.ref ul li a:hover{
  color:var(--hovercolor);
  font-size:110%;
}

.circle1{
  position:relative;
  opacity:30%;
  transform:translate(18em, -42em);
  z-index:1;
  width:3em;
  height:5.7em;
  background:grey;
  border-radius:15em 0em 0em 15em;
}

@media only screen and (max-width: 37em) {
  .main {
    grid-template-columns: 1fr;
    max-width: 90%;
    margin: 1.2em;
  }

  .left {
    margin-right: 0;
  }

  .right {
    border-left: none;
  }

  .circle,
  .circle1 {
    display: none;
  }
}
```

## 2. HTML Validation

# Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

## Showing results for uploaded file cv.html

### Checker Input

Show ☐ source ☐ outline ☐ image report Options...

Check by file upload ▾ Choose File No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Document checking completed. No errors or warnings to show.

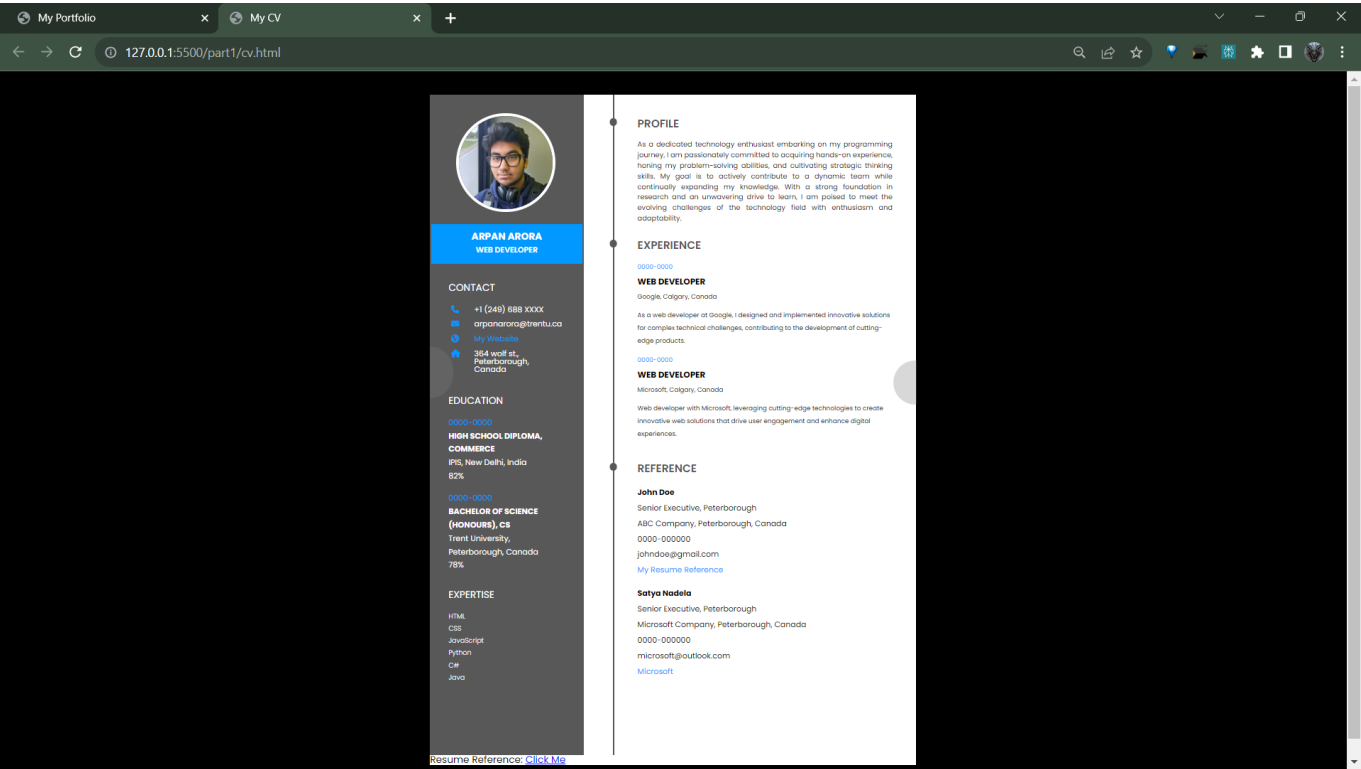
Used the HTML parser.

Total execution time 3 milliseconds.

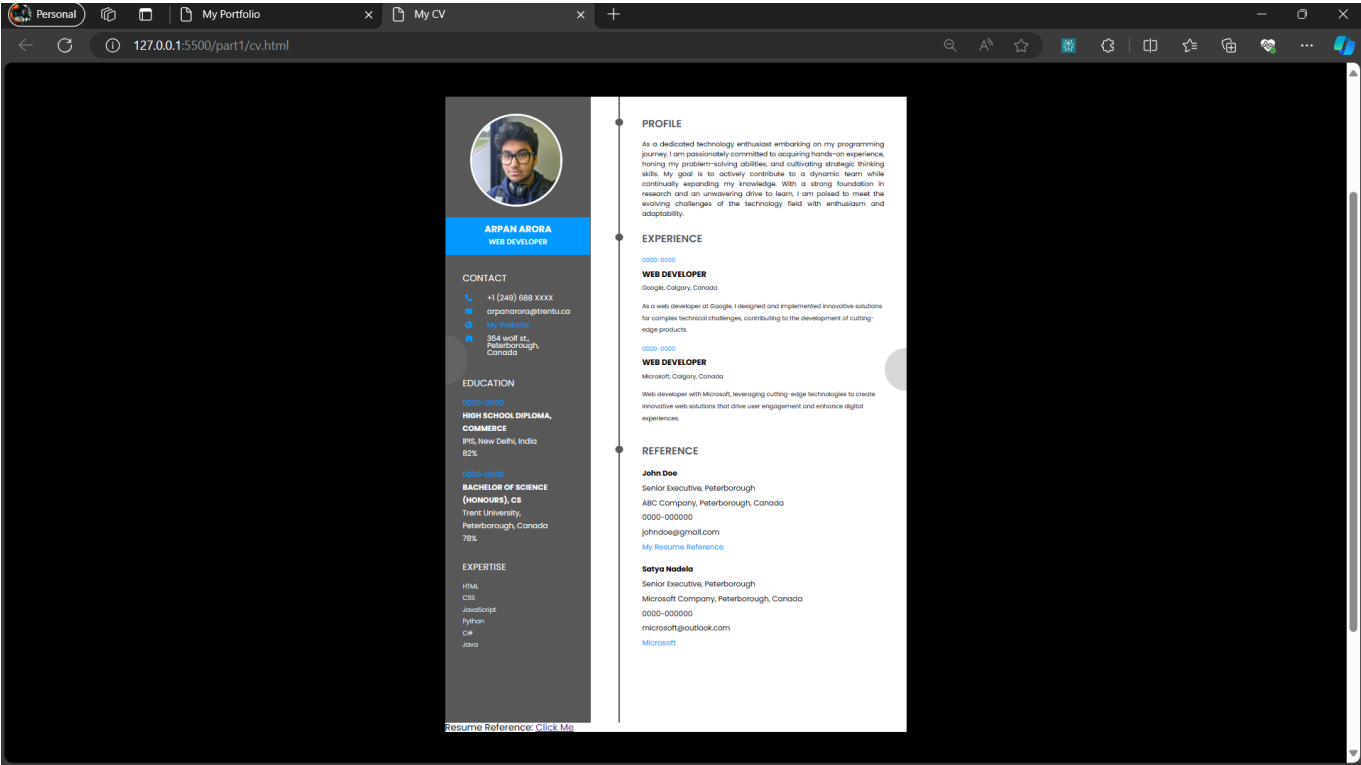
[About this checker](#) • [Report an issue](#) • Version: 24.3.18

## 3. Cross-Browser and Cross-Platform Testing

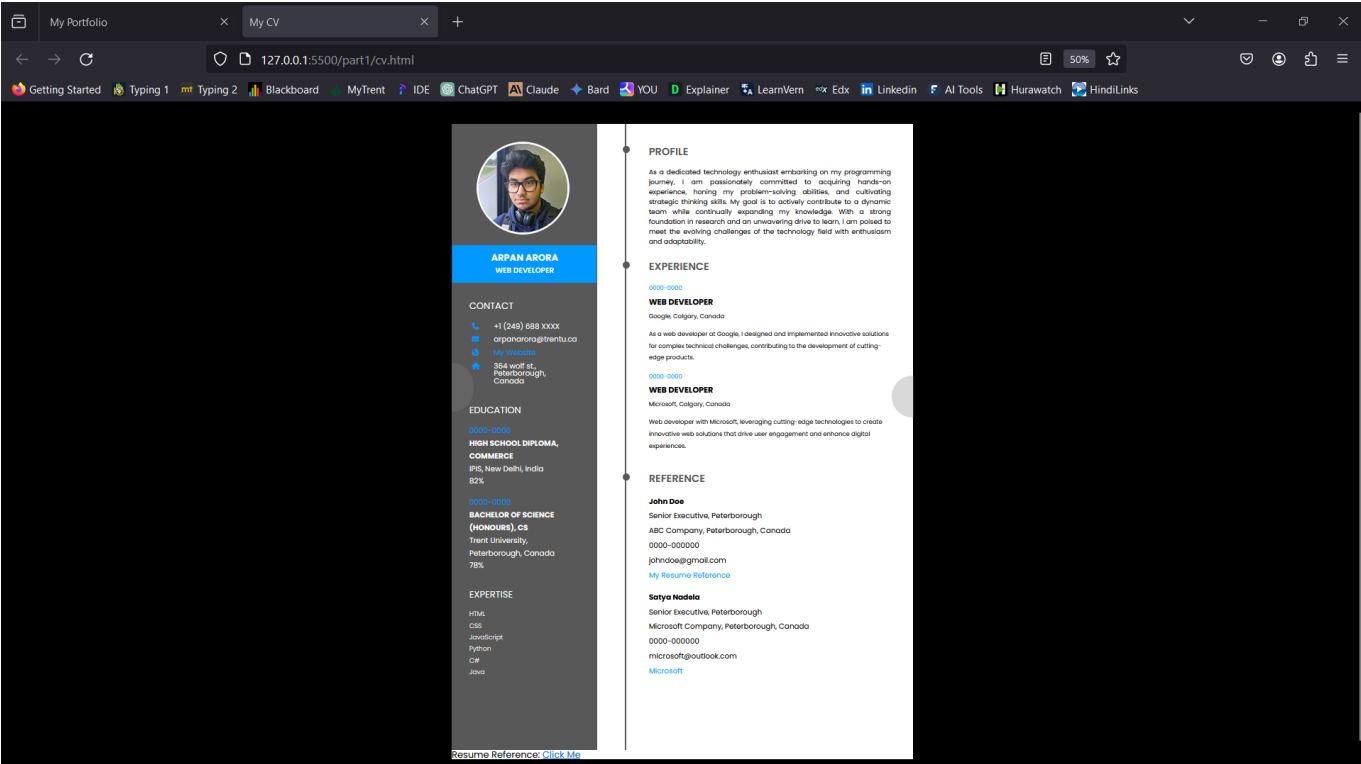
### Chrome



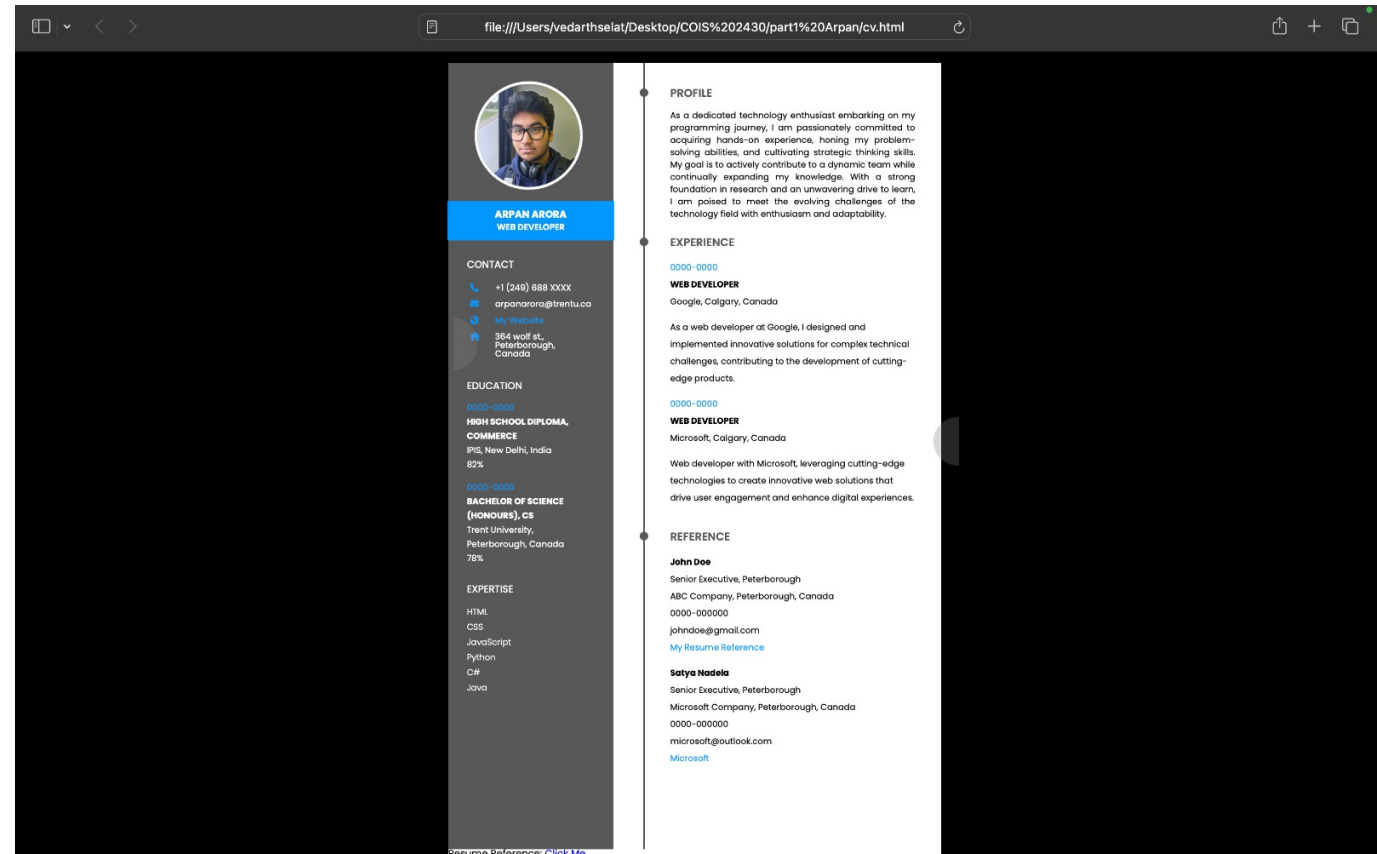
### Edge



Firefox



Safari

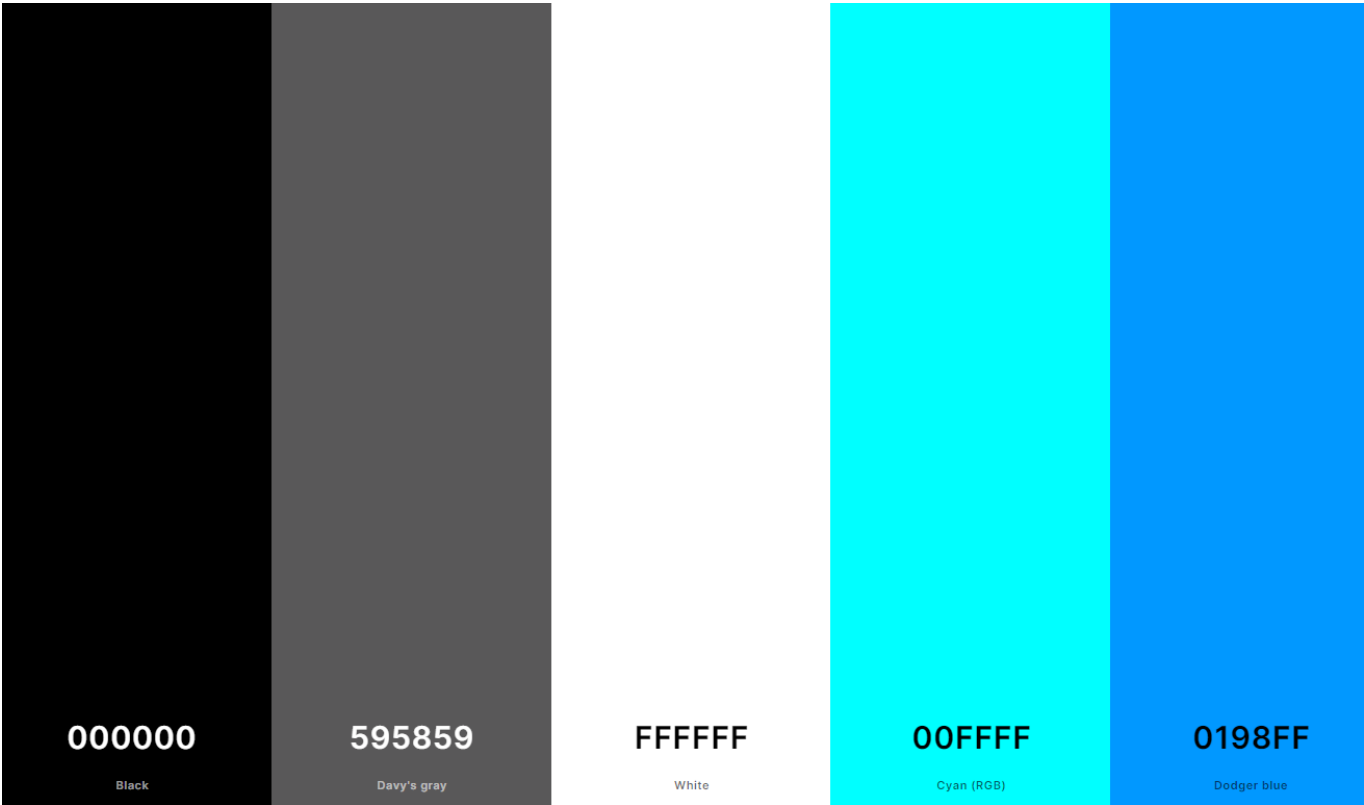


## 4. Accessibility Testing

### Color Palette

- 1. #000000 (Primary Background)
- 2. #595859 (Secondary Background)
- 3. #ffffff (Primary color)
- 4. #00ffff (Secondary Color Hover)
- 5. #0198ff (Secondary Color)

### Palette



1. #000000 (Primary Background) tested with each color

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value

#FFFFFF

Color Picker

Alpha

1

Luminance

Background

Hex Value

#000000

Color Picker

Luminance

Contrast Ratio

21:1

[permalink](#)

## Normal Text

WCAG AA: **Pass**

WCAG AAA: **Pass**

The five boxing wizards jump quickly.

## Large Text

WCAG AA: **Pass**

WCAG AAA: **Pass**

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: **Pass**

✓

Text Input

1. #ffffff

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#00FFFF

Color PickerAlpha  
1

Luminance

Background

Hex Value  
#000000

Color Picker

Luminance

Contrast Ratio

16.74:1

[permalink](#)

## Normal Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Large Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: Pass

✓  
Text Input

2. #00ffff



# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#0198FF

Color Picker

Alpha  
1

Luminance

Background

Hex Value  
#000000

Color Picker

Luminance

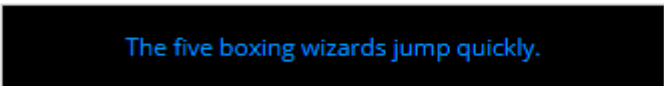
Contrast Ratio

6.93:1

[permalink](#)

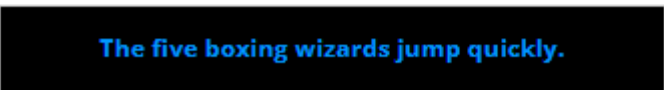
## Normal Text

WCAG AA: **Pass**  
WCAG AAA: **Fail**



## Large Text

WCAG AA: **Pass**  
WCAG AAA: **Pass**



## Graphical Objects and User Interface Components

WCAG AA: **Pass**



3. #0198ff

2. #595859 (Secondary Background) tested with each color

1. #ffffff

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#FFFFFF

Color PickerAlpha1

Luminance

Background

Hex Value  
#595859

Color Picker

Luminance

Contrast Ratio

7.08:1

[permalink](#)

## Normal Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Large Text

WCAG AA: Pass

WCAG AAA: Pass

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: Pass

✓

Text Input

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#00FFFF

Color Picker

Alpha  
1

Luminance

Background

Hex Value  
#595859

Color Picker

Luminance

Contrast Ratio

5.64:1

[permalink](#)

## Normal Text

WCAG AA: **Pass**

WCAG AAA: **Fail**

The five boxing wizards jump quickly.

## Large Text

WCAG AA: **Pass**

WCAG AAA: **Pass**

The five boxing wizards jump quickly.

## Graphical Objects and User Interface Components

WCAG AA: **Pass**

✓

Text Input

2. #00ffff

3. #0198ff (This is suppose to fail)

# Contrast Checker

[Home](#) > [Resources](#) > Contrast Checker

Foreground

Hex Value  
#0198FF

Color PickerAlpha  
1

Luminance

Background

Hex Value  
#595859

Color Picker

Luminance

Contrast Ratio

2.33:1

[permalink](#)

## Normal Text

WCAG AA:	Fail	The five boxing wizards jump quickly.
WCAG AAA:	Fail	

## Large Text

WCAG AA:	Fail	The five boxing wizards jump quickly.
WCAG AAA:	Fail	

## Graphical Objects and User Interface Components

WCAG AA:	Fail	<div>✓ Text Input</div>
----------	------	-----------------------------