

# Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>Gaurav Singh Thakur – Professional Profile</title>
  <!-- Bootstrap -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
  <style>
    body {
      background: linear-gradient(to right, #f5f7fa, #c3cfe2);
    }
    h1, h4 {
      color: #003366;
    }
    footer {
      background-color: #003366;
      color: #fff;
      padding: 20px;
    }
    footer img {
      margin-top: 10px;
    }
  </style>
</head>
<body>
  <!-- Navbar -->
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <div class="container">
      <a class="navbar-brand" href="index.html">Gaurav Singh Thakur</a>
      <ul class="navbar-nav ms-auto">
        <li class="nav-item"><a class="nav-link" href="waph.html">WAPH Course</a></li>
      </ul>
    </div>
  </nav>

  <!-- Main Content -->
  <main class="container py-5">
    <div class="row">
      <div class="col-md-4 text-center">
```



</div>

<div class="col-md-8">

<h1>Gaurav Singh Thakur</h1>

<p>Email: <a href="#" id="email-link">[Click to show email]</a></p>

<p>Phone: +1 937 520 4001</p>

<p>LinkedIn: <a href="https://linkedin.com/in/Gaurav Singh Thakur" target="\_blank">Gaurav Singh Thakur</a></p>

<h4 class="mt-3">Background</h4>

<p>Master's student in Computer Science at the University of Dayton (Fall 2024). 6 months research experience as a Data Analyst at CSIR-IICT and 11 months as an IT Consultant Intern at GVS IT Solutions.</p>

<h4>Education</h4>

<ul>

<li>Master's in Computer Science — University of Dayton</li>

<li>B.Tech in Information Technology — VBIT, Hyderabad</li>

<li>Johnson Grammar School (ICSE), Hyderabad</li>

</ul>

<h4>Skills</h4>

<p>Python, Java, HTML, CSS, Data Processing, Data Prediction, Leadership, Team Management</p>

<h4>Projects</h4>

<ul>

<li>Detection of Retinopathy and Severity Level Classification</li>

<li>Predicting Online News Popularity</li>

</ul>

</div>

</div>

<!-- Clocks -->

<div class="mt-5">

<h4>Digital Clock</h4>

<div id="digital-clock" class="fs-2"></div>

<h4 class="mt-3">Analog Clock</h4>

<canvas id="analog-clock" width="200" height="200"></canvas>

</div>

<!-- Jokes and Comic -->

```
<div class="mt-5">
  <h4>Random Joke</h4>
  <div id="joke">Loading joke...</div>

  <h4 class="mt-4">Random Comic (from XKCD API)</h4>
  <img id="comic" class="img-fluid border" alt="Random comic">
</div>
</main>

<footer class="text-center">
  <p>Contact: thakurg3@udayton.edu | +1 937 520 4001</p>
  <p>Visitor Counter:</p>
  <a href="https://info.flagcounter.com/xPSB">
    
    </a>
  </footer>

<!-- Scripts -->
<script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
<script src="scripts.js"></script>
</body>
</html>
```

# Waph.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>WAPH Course – Gaurav Singh Thakur</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
  <style>
    body {
      background: linear-gradient(to right, #e0f7fa, #80deea);
    }
    h1 {
      color: #006064;
    }
    footer {
      background-color: #006064;
      color: #fff;
      padding: 20px;
    }
    footer img {
      margin-top: 10px;
    }
  </style>
</head>
<body>
  <!-- Navbar -->
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <div class="container">
      <a class="navbar-brand" href="index.html">Gaurav Singh Thakur</a>
    </div>
  </nav>

  <!-- Main Content -->
  <main class="container py-5">
    <h1>Web Application Programming and Hacking (WAPH)</h1>
    <p>This course focuses on modern web technologies and secure web application
development practices. It combines theoretical knowledge with practical, hands-on projects to
build and secure web apps effectively.</p>
    <h4>Topics Covered</h4>
```

```
<ul>
  <li>Front-end development using HTML, CSS, and JavaScript</li>
  <li>Responsive design with Bootstrap</li>
  <li>JavaScript frameworks and libraries like jQuery</li>
  <li>Public API integration</li>
  <li>Client-side tracking and cookies</li>
  <li>Introduction to web security principles and vulnerabilities</li>
  <li>Deployment on GitHub Pages</li>
</ul>
<p>Through this project, I have built a professional profile website that demonstrates my understanding of these concepts, showcasing clocks, API data fetching, cookies for user visits, and clean responsive design.</p>
</main>

<footer class="text-center">
  <p>Contact: thakurg3@udayton.edu | +1 937 520 4001</p>
  <p>Visitor Counter:</p>
  <a href="https://info.flagcounter.com/xPSB">
    
    </a>
  </footer>
</body>
</html>
```

## scripts.js

```
// Show/hide email
$('#email-link').click(function (e) {
  e.preventDefault();
  $(this).text('thakurg3@udayton.edu');
});

// Digital Clock
function updateDigitalClock() {
  $('#digital-clock').text(new Date().toLocaleTimeString());
}
setInterval(updateDigitalClock, 1000);
updateDigitalClock();

// Analog Clock
const canvas = document.getElementById('analog-clock');
const ctx = canvas.getContext('2d');
const radius = canvas.height / 2;
ctx.translate(radius, radius);
setInterval(drawClock, 1000);

function drawClock() {
  drawFace(ctx, radius);
  drawNumbers(ctx, radius);
  drawTime(ctx, radius);
}

function drawFace(ctx, radius) {
  ctx.beginPath();
  ctx.arc(0, 0, radius, 0, 2 * Math.PI);
  ctx.fillStyle = 'white';
  ctx.fill();
  ctx.strokeStyle = '#333';
  ctx.lineWidth = radius * 0.05;
  ctx.stroke();
}

function drawNumbers(ctx, radius) {
  let ang;
  ctx.font = radius * 0.15 + "px arial";
  ctx.textBaseline = "middle";
```

```

ctx.textAlign = "center";
for (let num = 1; num <= 12; num++) {
  ang = num * Math.PI / 6;
  ctx.rotate(ang);
  ctx.translate(0, -radius * 0.85);
  ctx.rotate(-ang);
  ctx.fillText(num.toString(), 0, 0);
  ctx.rotate(ang);
  ctx.translate(0, radius * 0.85);
  ctx.rotate(-ang);
}
}

```

```

function drawTime(ctx, radius) {
  let now = new Date();
  let hour = now.getHours();
  let minute = now.getMinutes();
  let second = now.getSeconds();
  hour = hour % 12;
  hour = (hour * Math.PI / 6) + (minute * Math.PI / (6 * 60));
  drawHand(ctx, hour, radius * 0.5, radius * 0.07);
  minute = (minute * Math.PI / 30) + (second * Math.PI / (30 * 60));
  drawHand(ctx, minute, radius * 0.8, radius * 0.07);
  second = (second * Math.PI / 30);
  drawHand(ctx, second, radius * 0.9, radius * 0.02);
}

```

```

function drawHand(ctx, pos, length, width) {
  ctx.beginPath();
  ctx.lineWidth = width;
  ctx.lineCap = "round";
  ctx.moveTo(0, 0);
  ctx.rotate(pos);
  ctx.lineTo(0, -length);
  ctx.stroke();
  ctx.rotate(-pos);
}

```

```

// JokeAPI
async function fetchJoke() {
  const res = await fetch('https://v2.jokeapi.dev/joke/Any');
  const data = await res.json();
  $('#joke').text(data.setup ? `${data.setup} — ${data.delivery}` : data.joke);
}

```

```

fetchJoke();
setInterval(fetchJoke, 60000);

// XKCD comic
async function fetchComic() {
  const res = await fetch('https://xkcd.now.sh/?comic=latest');
  const data = await res.json();
  $('#comic').attr('src', data.img).attr('alt', data.alt);
}
fetchComic();

// Cookies: Welcome back message
function setCookie(name, value, days) {
  let expires = "";
  if (days) {
    const date = new Date();
    date.setTime(date.getTime() + (days*24*60*60*1000));
    expires = "; expires=" + date.toUTCString();
  }
  document.cookie = name + "=" + (value || "") + expires + "; path=/";
}

function getCookie(name) {
  const nameEQ = name + "=";
  const ca = document.cookie.split(';');
  for(let i=0;i < ca.length;i++) {
    let c = ca[i];
    while (c.charAt(0)==' ') c = c.substring(1,c.length);
    if (c.indexOf(nameEQ) == 0) return c.substring(nameEQ.length,c.length);
  }
  return null;
}

const lastVisit = getCookie('lastVisit');
const now = new Date().toString();
if (!lastVisit) {
  alert('Welcome to my homepage for the first time!');
} else {
  alert(`Welcome back! Your last visit was ${lastVisit}`);
}
setCookie('lastVisit', now, 365);

```