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## ASSIGNMENT 1 (Resume)

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Resume</title>
</head>
<body bgcolor="#eaf2f8">
  <h1>Shruti Singh</h1>
  

  <h2>About Me</h2>
  <p>2nd-year CS student passionate about blockchain, AI, ML, and robotics.
Proficient in web
  development, with a love for exploring diverse tech stacks. Eager to
contribute to innovative
  projects and gain hands-on experience in dynamic tech environments.
  </p>

  <h2>Contact Information</h2>
  <p>Email: singhshruti@gmail.com</p>
  <p>Phone: 123-456-7890</p>

  <h2>Education</h2>
  <p>BTECH Computer Science specialization in AI and Robotics</p>
  <p>VIT, Chennai</p>
  <p>Graduation year: 2026</p>

  <h2>Projects</h2>
  <ol>
    <li><h4>Android Logger</h4></li>
    <ul>
      <li>Purpose: Monitor Android Logcat logs for security threats.</li>
      <li>Tech Stack: Developed in Android Studio using Java and
Kotlin.</li>
      <li>Functionality: Real-time log scanning with threat
notifications.</li>
      <li>User Interface: Intuitive design for easy log entry viewing</li>
    </ul>
    <li><h4>LIO SLAM</h4></li>
```

```

    <ul>
      <li>SLAM Integration: Robust fusion of Lidar and Inertial
Odometry.</li>
      <li>Velodyne Focus: Optimize algorithms tailored for Velodyne Lidar
systems.</li>
      <li>LOAM Enhancement: Adapt Lidar Odometry and Mapping (LOAM) for
Velodyne Lidar.</li>
      <li>3D Mapping: Develop methods for detailed 3D mapping using Lidar
data.</li>
      <li>Ouster Odometry: Optimize Lidar odometry, emphasizing Ouster Lidar
systems.</li>
    </ul>

</ol>

<h2>Skills</h2>
<ul>
  <li>Front-end and back-end web development</li>
  <li>Blockchain Technology (Beginner)</li>
  <li>Programming languages: C/CPP, Java, Python, HTML, CSS, JavaScript,
Solidity</li>
  <li>Others: Figma, Canva</li>
</ul>

<h2>Contact Form</h2>
<form action="/submit" method="POST">
  <label for="name">Name</label>
  <br>
  <input type="text" id="name" name="name" required>
  <br>
  <label for="email">Email</label>
  <br>
  <input type="email" id="email" name="email" required>

  <br>
  <label for="message">Message</label>
  <br>
  <textarea id="message" name="message" required></textarea>
  <br>

  <button type="submit">Submit</button>
</form>
</body>
</html>

```


Output:

Resume

127.0.0.1:5500/index.html

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Shruti Singh



About Me

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Projects

1. Android Logger

- Purpose: Monitor Android Logcat logs for security threats.
- Tech Stack: Developed in Android Studio using Java and Kotlin.
- Functionality: Real-time log scanning with threat notifications.
- User Interface: Intuitive design for easy log entry viewing

2. LIO SLAM

- SLAM Integration: Robust fusion of Lidar and Inertial Odometry.
- Velodyne Focus: Optimize algorithms tailored for Velodyne Lidar systems.
- LOAM Enhancement: Adapt Lidar Odometry and Mapping (LOAM) for Velodyne Lidar.
- 3D Mapping: Develop methods for detailed 3D mapping using Lidar data.
- Ouster Odometry: Optimize Lidar odometry, emphasizing Ouster Lidar systems.

Skills

- Front-end and back-end web development
- Blockchain Technology (Beginner)
- Programming languages: C/CPP, Java, Python, HTML, CSS, JavaScript, Solidity
- Others: Figma, Canva

Contact Form

Name

Email

Message

Submit