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<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Rishabh Bhatnagar - Portfolio</title>
    <style>
      .styling {
        text-align: justify;
      }
    </style>
  </head>
  <body>
    <div>
      <h1>Rishabh Bhatnagar</h1>
    </div>
    <hr />
    <div class="styling">
      <h2>About Me</h2>
      <p>
        My name is Rishabh Bhatnagar and I am a 2024 graduate. I have completed
        my B.Tech in IT from Bharati Vidyapeeth's College of Engineering, Delhi.
        I am a resident of Delhi. I am proficient in Core Java Programming along
        with Data Structures and Algorithms. I am a beginner at MERN Stack Web
        Development. I am also interested in learning Artificial Intelligence
        and Data Science.
      </p>
    </div>
    <hr />
    <div>
      <h2>Skills and Interests</h2>
      <h3>Skills</h3>
      <ol type="i">
        <li>Java</li>
        <li>HTML/CSS</li>
        <li>JavaScript</li>
        <li>ReactJS</li>
        <li>NodeJS</li>
        <li>MongoDB</li>
        <li>MySQL</li>
        <li>GitHub</li>
      </ol>
      <h3>Interests</h3>
      <ol type="i">
        <li>Python</li>
      </ol>
    </div>
  </body>
</html>
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<li>Artificial Intelligence</li>
<li>Data Science</li>
<li>Django</li>
<li>Flask</li>
<li>React Native</li>
<li>NextJS</li>
<li>TypeScript</li>
</ol>
</div>
<hr />
<div class="styling">
  <h2>Projects</h2>
  <h3>ChatVerse: MERN Stack Real-Time Chat Application</h3>
  <ul>
    <li>
      Developed a real-time MERN stack chat application with a responsive UI
      using Tailwind CSS.
    </li>
    <li>
      Enhanced data privacy by implementing JWT-based user authentication.
    </li>
    <li>
      Integrated Socket.IO for real-time communication, improving user
      interaction.
    </li>
    <li>
      Project Link:
      <a href="https://chatverse-6r68.onrender.com/login" target="_blank">
        ChatVerse</a>
    </li>
  </ul>
  <h3>Potato Plant Disease Classifier: Final Year Deep Learning Project</h3>
  <ul>
    <li>
      Collaborated with a team to develop a CNN model using TensorFlow 2,
      achieving 97% accuracy in classifying potato diseases using Kaggle
      Plant Village dataset.
    </li>
    <li>
      Executed a comparative analysis of hyperparameter configurations, with
      the Adam optimizer achieving the highest accuracy (97.1%),
      outperforming both SGD and RMSprop.
    </li>
    <li>
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        Presented findings with classification reports, ROC curves, and
        confusion matrices.
    </li>
    <li>
        Integrated the model into a Flask web application, offering users
        unlimited real-time disease detection attempts.
    </li>
    <li>
        GitHub Link:
        <a
            href="https://github.com/Rishabh01505/Potato-Plant-Disease-
Classifier"
            target="_blank"
        >Potato Plant Disease Classifier</a>
    </li>
</ul>
</div>
<hr />
<div>
    <h2>Contact Information</h2>
    <ul>
        <li>
            LinkedIn Profile:
            <a
                href="https://github.com/Rishabh01505/Potato-Plant-Disease-
Classifier"
                target="_blank"
            >LinkedIn</a>
        </li>
        <li>
            GitHub Profile:
            <a
                href="https://github.com/Rishabh01505/Potato-Plant-Disease-
Classifier"
                target="_blank"
            >GitHub</a>
        </li>
        <li>
            Email Address:
            <a href="mailto:rishabh15.bhatnagar@gmail.com" target="_blank"
                >rishabh15.bhatnagar@gmail.com</a>
        </li>
    </ul>

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</li>
<li>
  Phone Number:
  <a href="tel:+919818599720" target="_blank">+919818599720</a>
</li>
</ul>
</div>
</body>
</html>
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