Mini Project Report - 01

Master of Computer Application – Generative AI
Semester – II

Sub: Front-End Frameworks and Technologies

Topic: RESUME
by
Name: BHUMIKA H S
Reg no.:2511022250094

Faculty Name: VEERA RAGHAVAIAH KATHULA

Faculty Signature: _____

Department of Computer Application
Alliance University

Chandapura - Anekal Main Road, Anekal
Bengaluru - 562 106

January 2026

VS CODE

```
<html>
   <head>
      <title>Resume</title>
      <style>
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            text-decoration: underline;
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         }
         </style>
         </head>
         <body>
      <h1> RESUME</h1>
      <p>Name: BHUMIKA H S</p>
      <p>Email: bhsrrce@gmail.com</p>
      <p>Phone_Number: +91 7483379479</p>

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<h3>CAREER OBJECTIVE:</h3>
<style>
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         }</style>
      <p>A enthusiastic graduate in B.E(Robotics and Automation), with a strong academic record and practical experience and currently pursuing MCA(Generative AI) at Alliance University in 2nd semester, who is seeking opportunity to apply my academic knowledge and gain practical
experience in real-time projects.I'm also very eager to learn more about the Artificial Intelligence and Machine Learning technology and eager to find feasible solutions to practical problems by integrating my theoritical knowledge in real time projects.</p>
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<hr>

<h3>EDUCATION:</h3>
<style>h3{
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      <table>
         <thead>
            <th>Sl.No</th>
             <th>Course</th>
             <th>College</th>
              <th>CGPA</th>
               <th>YOP</th>
         </thead>
      <tbody>
         <tr>
            <td>1</td>
             <td>MCA(GENERATIVE AI)</td>
              <td>Alliance University</td>
               <td>10</td>
                <td>2027</td>
         </tr>
         <tr>
            <td>2</td>
             <td>B.E(ROBOTICS AND AUTOMATION)</td>
              <td>RajaRajeswari College of Engineering</td>
               <td>9.31</td>
                <td>2025</td>
         </tr>
         <tr>
            <td>3</td>
             <td>12th Standard/II PUC</td>
              <td>Vidyaniketan Pre-University College</td>
               <td>8.0</td>
                <td>2021</td>
         </tr>
         <tr>
            <td>4</td>
             <td>10th Standard</td>
              <td>Vidyaniketan Public School</td>
               <td>8.4</td>
                <td>2019</td>
         </tr>
      </tbody>
      </table>

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      <h3>HOBBIES:</h3>
      <style>h3{
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      <ul>
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        <li>Reading Books</li>
        <li>Listening to Music</li>
        <li>Sketching</li>
        <li>Cooking</li>
        </ul>

        <hr>
        <h3>SKILLS:</h3>
        <style>h3{
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        <ul>
        <li>python</li>
        <li>JAVA</li>
        <li>SQL</li>
        <li>HTML</li>
        <li>Labview</li>
        <li>Solidedge</li>
        <li>Ansys software</li>
        <li>Roboguide</li>
        <li>Automation Studio</li>
        <li>ABB 800xA System </li>
        </ul>

        <hr>

<h3>CONFERENCES & SEMINARS:</h3>
<style>h3{
    text-decoration: underline;
            }</style>
            <li> TECHNOXIAN - </li>
            <p>We participated in World Robotics Championship 'TECHNOXIAN' in Fastest
Line Follower challenge
and Robo Soccer challenge organized at Noida Indoor Stadium Complex, Noida, Uttar
Pradesh.</p>
<li> FANUC ROBOT OPERATIONS AND PROGRAMMING - </li>
<p>"FANUC ROBOT OPERATIONS AND PROGRAMMING" program was organized by
Rajarajeswari
College of Engineering which took place from 22nd to 26th August 2023, where I got a
chance to
learn and operate a FANUC pick and place robot using a teach pendant and also simulate the
operation in Roboguide software virtually.</p>

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<h3>PROJECTS:</h3>
<style>h3{
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            }</style>
            <li> Web-Based Tomato Leaf Disease Detection with CNN and Flask - </li>
        <p>We have presented "Web-Based Tomato Leaf Disease Detection with CNN and
Flask" a
```

approach for tomato leaf disease detection using convolutional neural networks (CNN). We trained
a deep learning model using a dataset of tomato leaf images, which was collected from various
sources. The trained model was able to accurately detect the presence of four common tomato leaf
diseases, namely, bacterial spot, leaf mold, curl virus, healthy. We have successfully achieved 99.85% of accuracy from our project work.

 Performance assessment of Parabolic Trough Collector using twisted reciever tube -
 A new receiver tube is designed to assess the robustness and adaptability of the selected tube
pattern to varying environmental conditions, such as solar irradiance, ambient temperature fluctuations, thermal efficiency and heat
transfer characteristics of the twisted tube.

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<h3>INTERNSHIPS:</h3>
<style>h3{
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}</style>
Internship at ABB India Ltd. -

I have successfully completed 15 weeks of industry internship at ABB India Ltd situated at Peenya
Industrial Area, Bengaluru from 03-02-2025 to 16-05-2025 where I got the opportunity to work
under DCS team and have worked on Nayara Energy Ltd project and well versed with ABB 800xA
system(Automation Software) and gained hands on experience in ABB 800xA system and AC800M
controller and have developed logics as per approved documents and P& ID, worked with control
builder and CB tool for blocks creation and logics development according to the clients requirements.
 Internship training program on Industrial Automation -

During my internship period at VTU Bosch Rexroth Center Of Competence in Automation
Technology, Mysuru, I had an opportunity to work and learn on the relays, PLC, sensors and hydraulics. During last week into training, we were able to integrate relays, PLC, sensors into hydraulics to perform an extension and retraction stroke.

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<h3>HONOURS & AWARDS:</h3>
<style>h3{
text-decoration: underline;
}</style>

2nd Rank Holder in Robotics and Automation department at VTU along with B.E(HONOURS) A
warding institution: VISVESVARAYA TECHNOLOGICAL UNIVERSITY -

I have been awarded Bachelor's of Engineering with HONOURS degree certificate in 25th
Convocation of Visvesvaraya Technological University(VTU) which was held on 4th July 2025, along
with a RANK certificate for securing second rank in Robotics and Automation department.

College Level Project Exhibition (2024) Awarding institution -
Our project team participated in college level project exhibition competition and secured First
Place from our department which was conducted at RajaRajeswari College of Engineering on 20/12/2024 organized by Electronics and Communication Engineering Department . We demonstrated the project work on "WEB-BASED TOMATO LEAF DISEASE DETECTION WITH CNN
AND FLASK" , where we have presented a approach for tomato leaf disease detection using convolutional neural networks (CNN).

<hr>

DATE:__31/01/2026__
PLACE:__Anekal__
SIGNATURE:__Bhumika.H.S__

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</body>
</html>

OUTPUT

RESUME

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Email: bhsrrce@gmail.com

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PROJECTS:

- Web-Based Tomato Leaf Disease Detection with CNN and Flask -

We have presented "Web-Based Tomato Leaf Disease Detection with CNN and Flask" a approach for tomato leaf disease detection using convolutional neural networks (CNN). We trained a deep learning model using a dataset of tomato leaf images, which was collected from various sources. The trained model was able to accurately detect the presence of four common tomato leaf diseases, namely, bacterial spot, leaf mold, curl virus, healthy. We have successfully achieved 99.85% of accuracy from our project work.

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SIGNATURE:__Bhumika.H.S__
