BITRA BHAVYA SRI

Portfolio Gmail LinkedIn HackerRank GitHub Phone No: +919440906475 Chirala, AP

Career Objective:

To secure a challenging position within an organization where I can utilize my technical skills, contribute to innovative projects, and continually enhance my knowledge while fostering growth for both myself and the organization.

Educational / Academic Details:

Course	Name of the Institution	University /Board	Year of Passing	Percentage /CGPA
B. Tech Major: ECE Minor: CSE	Bapatla Engineering College,Bapatla	Acharya Nagarjuna University	2024	9.2
Intermediate	Vignana Bharathi Junior College,Chirala	Board of Intermediate Education, AP	2020	9.7
SSC	Vignana Bharathi High School,Chirala	State Board of Secondary Education	2018	10

Technical Skills:

- **Programming Language:** Python, C, C++, Java, Data Structures & Algorithms, OOPS
- **Web Technologies:** HTML, CSS, Bootstrap, JavaScript
- **Database:** DBMS, SQL
- **OS:** Windows
- **Other Technologies:** Machine Learning, Cloud Computing, GitHub
- **Others:** Microsoft Word, Excel, and PowerPoint

Industrial Trainings / Internships:

- Completed a 1-month internship on “Machine Learning with Python” at “SPYPRO SOLUTIONS Pvt Ltd” in May 2023.

  During this internship, I learned the basics of machine learning, artificial intelligence, deep learning, as well as the distinctions between them. I gained insight into Python's role in machine learning and explored various machine learning algorithms, including supervised learning, unsupervised learning, and reinforcement learning. I also worked on several projects, such as email spam detection, credit card fraud detection, and house price prediction. I honed my skills, with a primary focus on the support vector machine (SVM) learning model. Throughout this journey, I discovered how to collect datasets from Kaggle, import them, perform data preprocessing, clean and handle data, manage null values, conduct training and testing, and ultimately deploy models.

- Completed a 1-month internship on “Front-end Web Development” at “BRAINOVISION Pvt Ltd” in May 2022.

  In this internship, I have learned about HTML, CSS, Bootstrap, JavaScript, DOM operations, making HTTP responses and requests, accessing predefined class names using Bootstrap, and importing icons from Bootstrap and Font Awesome. I've also worked on JSON operations and designing responsive websites for different devices. I have completed several projects, including a Wikipedia search, bomb defuse application, portfolio creation, restaurant management, tourism website development, and creating various forms. Furthermore, I have successfully deployed these projects using GitHub.

Projects:

- **Title:** Personal Portfolio Website Click

  URL: https://bhavyasrinivas2003.github.io/portfolioWebsite/

  Technologies used: HTML, CSS, Bootstrap, JavaScript

  Description: I have created a personal portfolio website using HTML, CSS, Bootstrap, and JavaScript. In this portfolio, I have included information about my skills, education details, introduction, achievements, my projects, links to my social media profiles such as LinkedIn and Instagram, links to my coding website profiles like HackerRank, my contact information, and my Gmail address. Additionally, I have provided the functionality to download my resume and cover letter.

- **Title:** To-Do List Manager Click

  URL: https://bhavyasrinivas2003.github.io/todoList/

  Technologies used: HTML, CSS, Bootstrap, JavaScript

  Description: I have created a to-do list manager using HTML, CSS, Bootstrap, and JavaScript. In this application, users can add tasks and assign them priorities. If they decide not to keep a task, they can permanently delete it, or they can temporarily mark it as completed by striking it off. The noteworthy feature of this application is its accessibility from anywhere, and it automatically saves any modifications, making it a perfect task manager.

- **Title:** Voice Bot using Generative AI Tools Click

  URL: https://bhavyasrinivas-bhavyagenvoiceaiapp.hf.space

  Technologies used: Google Collab, Hugging Face, Gradio, OpenAI, Lang Chain, PlayHT.

  Description: This application has been crafted to harness the power of voice cloning technology, thus enabling the creation of a synthetic replica that mimics the user's own voice. The foundation of this application is rooted in cutting-edge technology, notably leveraging Large Language Models (LLM) and the extensive capabilities provided by Hugging Face. Hugging Face's vast repository of pre-trained models, spanning multiple languages and tasks, renders it an exceptionally versatile choice for the development of voice bots endowed with profound natural language understanding and generation capabilities.

- **Title:** Email Spam Detection using Machine Learning Click

  URL: https://github.com/BhavyaSrinivas2003/SpamMail

  Technologies used: Python, Google Colab, Machine Learning, GitHub

  Description: This application is designed to detect whether an email is spam or not. If the email is spam, it returns 'spam'; otherwise, it returns 'ham' (not spam). Initially, a dataset was collected from the Kaggle website and imported into a JSON file (JavaScript Object Notation) using appropriate commands. Standard libraries like NumPy and Pandas were imported. The data was organized in the CSV file in a categorical manner. Null values were checked and the data was balanced. Subsequently, the data was split into training and testing sets. The data was trained, and model evaluation was based on accuracy. Predictions were made using an SVM model, which achieved a 96% accuracy, demonstrating a valid outcome.

- **Title:** Treasure Hunt Game using Python. Click

  Description: I have created a treasure hunt game using Python. In this game, there are various scenarios. When the user starts the game, they are asked to choose a direction. Depending on their choice, the game informs them whether they have entered the monster room or snake room, among other scenarios. Ultimately, based on the user's actions, they may either win the treasure or encounter various challenges.

Skills:

- Leadership and Team working Qualities.
- Excellent Interpersonal and Communication skills (Written, Verbal, and Presentation).
- Complex Problem Solving, Analytical, Programming & Coding Skills.
- Honesty and Integrity.

Educational /Academic Achievements:

- Secured 1st Rank in 5th Semester of my engineering exam,2023.
- Secured first position in ML Coding Competition conducted by SPYPRO SECURITY SOLUTIONS Pvt Ltd.,2023.
- Won 2nd prize in Group Discussion Round held in our college,2023.
- Qualified in GATE 2023.
- I have had the privilege of having my articles published in our college magazine for two consecutive years.
- Worked as coordinator for BECTAGON-2K23 held in our college.

Workshops:

- Attended and participated in 1-day Generative AI Mega Workshop on "Building a Generative AI Application" held on 7-8-2023 organized by NXT Wave.
- Attended and participated in a 2-day workshop on "RISC Technologies" held from 10-7-2023 to 11-7-2023 organized by our college.
- Attended and participated in a 2-day virtual workshop on "Python" held from 19-6-2022 to 20-6-2022 organized by Study Comrade.

Certification Courses:

- Completed 12-week NPTEL certification on "CLOUD COMPUTING" with 76% organized by IIT Kharagpur in 2023
- Completed 3-week Online Certification Course on "Python programming and SQL" certified by ExcelR in 2022.

Place: Bapatla **BITRA BHAVYA SRI**