MSS Priyanka

Portfolio: Behance
Github: MSS-PRIYANKA

Email: priyankamaddimsetty@gmail.com
Phone Number: +91-630-1200-919
LinkedIn: priyanka-mss

EDUCATION

- **BVRIT Hyderabad College of Engineering for Women** — Hyderabad, India
  Bachelor of Technology - Computer Science and Engineering; GPA: 8.55 — *December 2020 - July 2024*
  Courses: *Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Databases, Web Development*

SKILLS SUMMARY

- **Languages**: Python, C++, JavaScript, SQL, R, HTML5, CSS, JavaScript
- **Frameworks**: Scikit, TensorFlow, Keras, Flask, React-NodeJS, WEKA, PyTorch, YOLO, Scikit
- **Technologies**: Data Analytics, Machine Learning, Deep Learning, TensorFlow, Image Processing, UI/UX Designing, Full Stack Development, Blockchain, Cloud. SEO
- **Tools**: GIT, MySQL, Concepts, Figma, Tableau, R Studio, Power BI, Big Query, Vectr, Google Suite, MS Office
- **Platforms**: Linux, Windows, AWS, Google Cloud, Azure Cloud
- **Soft Skills**: Leadership, Management, Writing, Communication, Scheduling, Research, Team Player, Adaptability, Problem Solving, Critical thinking

EXPERIENCE

- **Hexagon's Capability Center India - HCCI** — Remote
  Intern — *Oct 2022 - Present*
  - **Learnings**: Image processing techniques, Deep learning algorithms, OCR technology, and other Python modules
  - **Project**: Digitilization of Isometric and CAD Drawings using AI/ML Techniques and presentations were given to showcase the findings.

- **Kartexa** — Remote
  UI/UX Intern(Part-time) — *Feb 2023 - Apr 2023*
  - **Project - E-commerce and HR Management App Design**: Utilized Figma to create various design projects and produced high-fidelity wireframes and sitemaps to effectively plan and communicate design solutions.

- **Personifwy** — Remote
  Data Science Intern (Part-time) — *Sep 2022 - Nov 2022*
  - **Project**: Focused on Data Science Methodologies and building Chatbot using Python and Dialogflow

- **Rouge International** — Remote
  Portfolio Management Intern(Part-time) — *Feb 2023 - Apr 2023*
  - **Team Leader**: Acting Technology Unit Leader for a team of 5
  - **Bubble Platform Management**: Oversaw website aesthetics and maintenance using the Bubble platform, ensuring that the site remained functional, visually appealing, and user-friendly

- **Internship Studio** — Remote
  Web Designing Intern (Part-time) — *Jul 2022 - Aug 2022*
  - **Project**: Built E-Commerce website using HTML5, CSS and Javascript

- **Inversion Consultancy LLP** — Remote
  Machine Learning Intern(Part-time) — *Dec 2021 - Feb 2022*
  - **Learnings**: Focused on the major machine learning topics, a wide range of algorithms and procedures are practiced. Perform operations on large datasets and create visualizations using Python libraries.
  - **Project**: Hands-on real-time project to predict the weather during world war II with the information.

PROJECTS

- **Traffic Sign Detection with audio commands and Lane Detection, License Id validation, Driving Live monitoring, Obstacle Detection and Distance Estimation, and Alcohol, and Sleep Detection(Ongoing)**:
  1. Implementing a Yolov5 model to detect and interpret traffic signs, providing real-time audio cues to drivers.
  2. Designing a lane detection module with image processing to assist drivers in maintaining proper lane positioning.
  3. Developing a secure identification system that validates and verifies driver's license information, ensuring authorized access.
  4. Integrating an obstacle detection system that accurately detects obstacles on the road and estimates their distance.
  5. Alcohol and Sleep Detection throughout the drive using sensors - IOT and Vehicle Health Prediction - ML. (Apr 2023)

- **Symptoms-based disease prediction with the user interface**: Developed a symptoms-based disease prediction system using Python and machine learning models like Random Forest and Decision Tree. Implemented a user interface using Gradio and Tkinter to enable users to input symptoms and obtain disease predictions. (Apr 2023)

- **SkimLit project using NLP and a project with TensorFlow (Ongoing)**: The SkimLit project leverages NLP and TensorFlow to implement a text processing solution. (Apr 2023)

- **Wildlife Object Detection System (Ongoing)**: Developed an advanced object detection system specifically designed for wildlife, employing computer vision techniques to accurately identify and classify different species of animals in images and videos. (Feb 2023)

- **Twitter Data Sentiment Analysis**: Created a project to analyze tweets and detect the tone or sentiment being stated. The project uses natural language processing techniques to categorize tweets as positive, negative, or neutral, on various issues discussed on Twitter. (Feb 2023)
- **Travel Recommendation System**: Provides personalized travel recommendations to users based on their preferences, interests, and previous travel history. (Jan 2023)
- **Portfolio Website**: Creating a portfolio website showcasing a collection of projects and works focused on Machine Learning, Data Science, and UI/UX design. The website highlights the skills, expertise, and achievements in these areas, providing a comprehensive overview. (Dec 2022 - present)
- **Stock Market crash detection and Feedback**: Implemented a Machine Learning model in Python using regression and time series techniques to predict stock market crashes in the next 6 months and the reason for the crash in 2022 and integrated into Streamlit. (Sep 2022)
- **Arctic Travels - Travel website**: Created visually captivating UI/UX screens for "Arctic Travels," a travel website specializing in tour packages and location events, ensuring an engaging and seamless user experience throughout the platform using Figma, Concepts. (July 2022)
- **LR Maps - Location Assistant**: Created a low-fidelity design for a mapping application, focusing on the basic structure and layout of the user interface. Outlined the placement of key elements such as maps, search bars, and navigation controls and incorporated visual elements and interactions with Figma. (May 2022)
- **E-commerce application**: Developed low-fidelity UI/UX designs for an e-commerce application, including comprehensive site maps and wireframes, to visually depict the structure, flow, and layout of the application using Figma. (Apr 2022)
- **House Price Prediction, Titanic Survival Prediction, Weather Prediction**: Developed predictive models using linear regression for house price prediction, and weather prediction. Logistic regression for Titanic survival prediction. (Feb 2022)

COURSE AND CERTIFICATION

- **Certification - Google Data Analytics Professional Certificate**: Skills including data collection, transformation, analysis, and visualization. hands-on practice in working with data using various tools and techniques, including Excel, SQL, R, Tableau, and others.
- **Certification - Executive Leadership Certification(Ongoing)**: Acquired skills in strategic decision-making, team leadership, and organizational management.
- **Certificate - Hackerrank SQL Intermediate Certificate**: showcasing proficiency in SQL. Demonstrated skills in executing complex SQL queries, data manipulation, and database management.
- **Learning Path - LinkedIn - Become a Data Scientist and Getting Started with AI and Machine Learning paths(Ongoing)**: Understanding of data wrangling, visualization, machine learning, and storytelling, Fundamental concepts and tools of artificial intelligence and machine learning, including regression, classification, clustering, and model evaluation, among others.
- **Course - LinkedIn Introduction to Business Analytics**: Acquired skills in data-driven decision-making, statistical analysis, and business performance optimization.
- **Course -Machine Learning with Python**: Knowledge and practical skills necessary to design, implement, and evaluate machine learning models using Python.
- **Course - IBM - Data Science with Python**: Understanding of the basic principles, tools, and techniques of data science, including data exploration and visualization, data cleaning and manipulation, statistical inference, etc.
- **Certification - German A1 Level**: Basic German Language proficiency
- **Course -TensorFlow and Deep Learning** : Fundamental knowledge and practical skills in designing, training, and evaluating deep learning models using TensorFlow, as well as gained an understanding of key concepts such as neural networks.
- **Course - Complete Web and Mobile Designer in 2023: UI-UX, Figma**: Acquired skills in user design principles, prototyping, and advanced Figma techniques for creating visually appealing and user-friendly web and mobile interfaces.

HONORS AND AWARDS

- Awarded first prize in the Telangana Got Tech Talent competition - April 2023
- Bertelsmann Next Generation Tech Booster Scholarship Recipient(Nano Degree - Front End Development) - Mar 2023
- GDSC (Google Developer Student Clubs) Event Management Lead - 2022-23
- Achieved first place in Gameleon, a 24-hour game development hackathon. - Oct 2022

WORKSHOP AND HACKATHONS

- Participated in NASSCOM TS Academic Grand Challenge(Finalist) - 2022
- Participated in Geospatial Hackathon by IIIT-H and SOI(Finalist) - 2023
- Participated in LGBTQIA+ Matters Hackathon - 2023
- Unity Workshop - Introduction to the environment and executing existing programs and modifications to them - 2023
- Part of Google Cloud Career Readiness program - 2023
- Full Stack Development Bootcamp - HTML, CSS, and JavaScript along Project - Personal Blog, E-commerce sites-2022