BEHARA MOUNIKA

Career Summary:

- Conducted a comprehensive comparison of edge detection methods for Diabetic Retinopathy fundus images, optimizing accuracy in identifying and understanding eye conditions.
- Acquired proficiency in MS Word, Excel, and PowerPoint.
- Designed basic websites using HTML, CSS, and JavaScript.
- Executed simple projects in Python and Java.
- Earned fundamental certifications in Python, Java, and C.
- Completed a beginner-level project in embedded systems.
- Enthusiastic about acquiring new skills.

Academic Qualification:

- Bachelors in Electronics and Communication Engineering | Vignan's Institute of Engineering for Women | 2020-23 |**CGPA: 7.4**
- 12th Standard | Narayana Junior College |2018-20 |CGPA: 9.75
- 10th Standard | Prasanthi Nikethan M.V.V.S High School |2017-18 |CGPA: 9.7

Project Details:

- **Edge detection of Diabetic Retinopathy Fundus Images:** Conducted a detailed study comparing edge detection methods (Sobel, Canny, Laplacian, and Gaussian) on Diabetic Retinopathy Hard Exudates Fundus Images. This exploration aided in pinpointing the most precise approach, enhancing our ability to recognize and comprehend eye conditions in the medical field.
- **Simple Web Project:** Used HTML, CSS, and JavaScript to design a ***Portfolio*** website boosting online visibility and showcasing skills in a user-friendly way, functional ***digital clock*** for accurate time, a user-friendly ***calculator*** with precise calculation results and an effective ***to-do list*** for easy task management, allowing simple addition, deletion, and tracking.
- **Typing Master in Python:** Scripted a typing game in Python using Spyder IDE, measuring typing accuracy, speed, and error count for an energized and educational experience.
- **Quiz Challenge in Java:** Coded a Quiz game in java using Notepad, making learning fun and interactive.
- **Bluetooth Controlled LED Notice Board:** Engineered a Bluetooth Controlled LED Notice Board with integrated greetings, real-time temperature updates, and precise date and day displays, highlighting proficiency in electronics and programming. Enhancing communication through innovation.

Internships:

- **Java Full Stack:** Virtual Intern | KodNest-APSCHE | 14th Jun – 22nd Jul [2023]
- **Python Masterclass:** Virtual Intern | Pantech e learning -APSSDC | 21st Dec 2022 – 22nd Jan 2023
- **Embedded System:** Inhouse Intern | Indo German Institute of Advanced Technology|01st Aug – 26st Nov [2022]

Certifications:

- Accomplished training in ***MS PowerPoint, MS Word, and MS Excel*** through Great Learning Academy.
- Obtained a ***TCS NQT-IT Scorecard*** with a unique identifier of 22071422928, showcasing proficiency with **69.18%** in the Foundational Section, **76.16%** in the Advanced Section, and **60.26%** in Programming (Python).
- Certified in ***Python, Java, and C*** through Great Learning Academy, Code Chef, and Infosys Springboard.
- Achieved a **70%** proficiency in ***NPTEL's Problem Solving through Programming in C*** (Course Code: NPTEL22CS45S14420309).
- Successfully executed ***JavaScript projects*** as part of the Great Learning Academy curriculum.

Extra- Curricular Activities & Achievements:

- Published a research paper titled **"*Edge Detection of Diabetic Retinopathy (DR) Images*"** with paper ID **ICIMIA-085** at the Third International Conference on Innovative Mechanisms for Industry Applications (ICIMIA 2023) Organized by IEEEE.
- Participated in a ***four-day Employability Skills training*** from January 18th to January 21st 2023, as part of the "Life Skills" program organized by Rubicon.
- Awarded a ***Certificate of Excellence*** for securing the first place in the ***Abacus*** Examination in the year 2014-15, organized by Viswam Edutech Solutions Pvt. ltd.

mounikabehara4469@gmail.com 6281356140 Linkedin.com/in/behara-mounika