

DUMPETI MOSES MANOHAR

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CAREER OBJECTIVE:

To work in an environment that challenges continuous learning with opportunities for advancements and utilizing my skills towards the growth of the organization.

ACADEMIC PROFILE:

QUALIFICATION	INSTITUTION	BOARD	CGPA	YEAR
B. TECH (Electronics And Communication Engineering)	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	Autonomous, JNTUK Affiliated	8.77	2020-2024
INTERMEDIATE	Sri Chaitanya Junior College, Bhaskar Bhavan Campus, Vijayawada	Board Of Intermediate Education	9.44	2018- 2020
10 th	NSM Public School, Vijayawada	Central Board of Secondary Education (CBSE)	8.42	2017- 2018

TECHNICAL SKILLS:

- PEGA 8.8
- Python
- C Language
- HTML
- CSS
- SQL

STRENGTHS:

- Time Management
- Detail-Oriented
- Work Ethic
- Trustworthiness
- Collaborative

ACADEMIC PROJECTS:

• FRAUD DETECTION IN BANKING TRANSACTIONS BY USING ML:

The banking sector is crucial in daily life, with fraud posing significant risks through activities like credit card theft, phishing, and spamming. This project uses a machine learning-based approach for early fraud detection, training algorithms such as random forest, k-nearest neighbors, logistic regression, SVM, and Bernoulli on a resampled

public dataset. Performance is evaluated via accuracy, precision, recall, and F1-score, with random forest and logistic regression showing superior results, and a web application is developed for effective check verification and counter threat mitigation.

- **HUMAN MACHINE INTERFACE THROUGH ELECTROMYOGRAPHY:**

The objective of this project is to implement a portable EMG machine to track the people's day to day muscle and nerve strength. EMG is a diagnostic procedure to assess the health of muscles and nerve cells that motor neurons. EMG results can reveal nerve dysfunction, muscle dysfunction or problems with nerve muscle signal transmission.

- **DETECTION OF BREAST CANCER BY MEANS OF ANN:**

In this project, we address the significant and life-threatening impact of breast cancer on women globally, emphasizing the critical role of early detection in enhancing treatment efficacy and survival rates. Harnessing the power of neural networks, we aim to leverage their capacity to analyze intricate patterns and make precise predictions using a diverse range of input data. The focus is on the integration of mammographic images, patient histories, and additional clinical data for breast cancer detection.

- **NEW BANK ACCOUNT OPENING USECASE:**

ABC Bank want to automate the account opening process in their bank. In the first release the bank wants to move with opening a Saving bank account. As an initial level design, the customers from different countries from the regions like Asia, America, Europe and Australia can open the savings account. Based on the region the customer has to enter the ID proof details (Aadhar Card-Indian, USA SSN Number-American, European SSN or Tax File Number (TFN)-European country) which are mandatory to open an account.

- **NEW EMPLOYEE ON-BOARDING- POST PANDEMIC USECASE:**

TSH is an organization that wants to use a Pega Platform application to automate the Onboarding process of new employees who are joining the organization, using the Pega platform. Using the new application, I Am Hired newly hired Employees login to the application and complete the Onboarding process. The process starts when the employee login to the application using the login credentials provided by HR in the joining letter (through mail).

GLOBAL CERTIFICATIONS:

- Certified Pega System Architect 8.8, PEGA SYSTEMS, NSE Talent Sprint.
- Certified Pega Senior System Architect 8.8, PEGA SYSTEMS, NSE Talent Sprint.

CERTIFICATIONS:

- Networking Essentials, Cisco Networking Academy.
- Salesforce Developing, Salesforce.
- Cloud Computing by NPTEL.
- Internet Of Things, Cisco Networking Academy.

INTERSHIPS:

- **Full Stack Development**, from Kod-Nest Technologies Private Limited approved by AICTE.
- **MathWorks Virtual Internship Program**, from MathWorks approved by AICTE.

PUBLICATIONS:

- **Detection of Breast Cancer by means of Neural Networks**, International Conference on Recent Trends in Innovation and Technology (ICRTIT-2024), IJIEMR Journal.
- **Human Machine Interface through Electromyography**, 2024 IEEE Intelligent Systems and Machine Learning Conference (ISML 2024).

PERSONAL DETAILS:

Father's Name : D. Murali
Mother's Name : T. Hemalatha
Date of Birth : 26 August 2002
Gender : Male
Nationality : Indian
Languages Known : English, Telugu and Hindi
Hobbies : Cooking, Photography, Gardening and playing Badminton

DECLARATION:

I hereby declare that the above particulars information stated are true, correct and complete to the best of my knowledge.

Place: Vijayawada

Date: 05-09-2024

D. Moses Manohar