VUKANTI SRIHITHA REDDY

SOFTWARE ENGINEER

Gender: Female

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OBJECTIVE

I am an enthusiastic Computer Science professional with a keen problem-solving mindset, complemented by exceptional team management, adaptability, and communication skills. My unwavering commitment to continuous learning and growth amplifies my existing abilities. I am eagerly seeking a role where I can harness my diverse skill set to expedite both my personal development and the expansion of the company, leaving a tangible impact on its trajectory.

SKILLS

Technical Skills:

C, C++, Java, Python

Interpersonal Skill:

Effective Communcation, observing, collaboration, and relationship-building.

Time Management:

My behavioral and organizationaltechniques and

EDUCATION

High School, Brilliant Grammar High School

August 2007 - June 2017

Diploma, Jyothishmathi institute of technology and science

August 2017 - June 2020

BTech, Teegala Krishna Reddy Engineering College

August 2020 - July 2023

PROJECTS

Mini Project, Chirography Documentation Using OCR in CNN

AUG-16 -2022 - JAN-22-2023

Team Size: - **3**

 -Developed a Chirography Documentation System utilizing Optical Character Recognition (OCR) within a Convolutional Neural Network (CNN) project.

 -This innovative system aimed to automate the digitization of handwritten documents, enhancing data accessibility and analysis.

 -Leveraged deep learning techniques to preprocess and segment handwritten text, achieving robust accuracy rates.

 -Implemented a customized CNN architecture, optimizing hyperparameters through iterative experimentation to achieve superior recognition performance.

 -Successfully integrated the system with a user-friendly interface, allowing users to upload and process handwritten documents effortlessly.

 -This project showcased my proficiency in computer vision, neural networks, and problem-solving, underscoring my ability to bridge advanced technology with real-world applications."

Major Project, Energy efficient teaching-learning -based optimization for the discrete routing problem in wireless sensor networks

My behavioral and organizational techniques and attitude that help to improve your productivity and manage my workload.

Leadership Skill:

I have an experience of leading a team and taking charge of project, I can motivate others towards a common goal.

Public Speaking Skill:

Experienced in delivering engaging presentations to diverse audiences –clients, professionals, and community groups. Effective at communicating key messages and inspiring action.

INTERESTS

1. Reading Books
2. Cooking/Baking
3. Browsing Internet
4. Listening to Music
5. Watching Movies and Documentaries

ADDITIONAL INFORMATION

Father Name: Vukanti Madhusudhan Reddy

Mother Name: Vukanti Rama Reddy

Mother Occupation: Home Maker

Nationality: Indian

Religion: Hinduism

Languages Known: Telugu,Hindi,English

FEB-07-2023 **-** JUN-01-2023

Team Size: - 3

 - Designed and implemented an Energy-Efficient Teaching-Learning-Based Optimization (ETLBO) solution for addressing the Discrete Routing Problem within Wireless Sensor Networks (WSNs).
 - The project aimed to optimize routing strategies, conserving energy consumption in resource-constrained WSNs.
 - Leveraged advanced optimization techniques and machine learning principles to develop a novel ETLBO algorithm tailored for routing challenges.
 - Conducted extensive simulations and evaluations, demonstrating significant improvements in energy efficiency compared to traditional routing approaches.
 - This project not only showcased my expertise in wireless communication and optimization but also highlighted my ability to devise innovative solutions for resource-sensitive systems."

INTERNSHIPS

Data Visualization: Empowering Business with Effective Insights, TATA COMPANY

2022 **-** AUGUST

Completed practical task modules in:
 Framing the Business Scenario
Choosing the Right Visuals
Creating Effective Visuals
Communicating Insights and Analysis

Software Engineering Virtual Experiences, JP MORGAN COMPANY

2022 **-** AUGUST

Completed practical task modules in:
Interface with stock price data feed
Using JPMorgan Chase frameworks and Tools
Display data visually for traders

Developer & Technology Accenture Developer Program, ACCENTURE COMPANY

2022 **-** AUGUST

Completed practical task modules in:
Define technical requirements.
Design changes to an existing architecture
Scale on-premises system infrastructure to the cloud Reading and understanding code Attention to detail.
Debugging algorithms
Unit testing User Acceptance Testing - UAT Security maturity assessment Iam policies and permissions
Securing the software development lifecycle (SDLC)
Shaping the Problem
Data and privacy

Grepthor Software Solutions Pvt Ltd

- November 2019