SAI HARSHITHA KOMATI

+91-9398395277, +16823923635 📞
saiharshithak031999@gmail.com ✉
linkedin.com/in/sai-harshitha-komati 🔗
GitHub ⊙   Portfolio 💼   Salesforce 🌐

☰ OBJECTIVE

An organized and hard-working individual looking for a responsible position in a reputable organization to enhance knowledge, skills and gain real time experience.

💼 PROFESSIONAL EXPERIENCE

Assistant System Engineer| TATA CONSULTANCY SERVICES

Siebel Developer | Aug 2021 – Dec 2022

- worked in STC(Saudi telecom company) project , as Siebel developer.
- As part of project we Design, Develop, Test and Deploy the client requirements using Siebel tools, SoapUI, SQL.
- Responsibilities:
  As a team member I manage Configuring and customizing the Applets, Views, Screens, Business Components and Business Objects, Webservices using Siebel tool, escript and to solve technical issues, support team leader and develop technical solutions.

📄 RESEARCH WORK

Convolutional Neural Photo Style Transfer with VGG-19 :

BULLETIN MONUMENTAL

This is done by taking two images and applying one style of the image to another image by using gram matrices. So, we can get the image in the style we need by maintaining the content of the image. The application of this work can be seen in video games and in animations. We extended our work by publishing a research paper based on this in bulletin monumental journal.

http://bulletinmonumental.com/gallery/11-may2022.pdf

Machine Learning Research | Alzheimer's Disease Detection :

Participated in a research initiative focused on the early detection of Alzheimer's disease, analyzing over 80,000 MRI images using the OASIS dataset.

Engaged in the development and refinement of machine learning models including CNNs (ResNet50, EfficientNetB0) and ensemble methods (Random Forest, XGBoost, AdaBoost) to classify stages of dementia.

Implemented data preprocessing techniques to manage class imbalance, enhancing model training and testing with a strategic partitioning of images.

Contributed to achieving high diagnostic accuracy through rigorous performance evaluations, significantly advancing early intervention strategies in medical diagnostics.

Blogs

- Classifying Emotion with Facial Expression using Convolutional Neural Networks.
- Text Classification of Rotten Tomatoes Reviews using Naive bayes classification.
- Text Classification: Top Reddit Posts and Comments.

ACHIEVEMENTS

- Got Ranger badge in Trailhead (Salesforce) and achieved utmost 160 badges and 5 super badges.
- Specialization on Architecting with Google Compute Engine Specialization from coursera and Achieved 6 badges in quicklabs related to cloud.
- Certificate on Python from University of Michigan through coursera.
- Certificate from Sololearn on HTML course.

ACADEMIC PROJECTS

Minimal todo list:

- This application help maintain the task according to the deadline, displays the scheduled task and its due date. We can add, update status, delete the task.
- Used flask-Python, SQLite, html.
- Used tools Visual Studio Code.

EventBase:

- This is a collage events related project. This application provides all the data of a student participated in various activities or clubs events in one place. Get all the data of a student in a click.
- Used Node.js, ReactJS, html, Css.
- Used tools Visual Studio Code, MongoDB Compass.

🎓 EDUCATION

Master of Science in Computer Science| University of Texas at Arlington

Jan 2023 – Ongoing	Arlington, Texas, USA
MSCS(Non Thesis)	GPA: 3.78/4.0

BACHELOR OF TECHNOLOGY (CSE) | VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY   Guntur, Andhra Pradesh, India

Aug 2017 – Jul 2021	GPA : 7.58/10
Computer Science Engineering	University : JNTUK

INTERMEDIATE(MPC) | BIIT junior college

Jun 2015 – Apr 2017	Guntur, Andhra Pradesh, India
Percentage : 93.1%	Board : Board of Intermediate Education

SECONDARY SCHOOL | Sri Chaitanya High School

Jul 2010 – Apr 2015	Guntur, Andhra Pradesh, India
GPA : 9.3/10	Board : Secondary board of Education

🧠 SKILLS

Programming languages	-	C, C++, Python, Java
Scripting languages	-	Html, CSS, JavaScript
Operating System	-	Windows, Linux
Automated Testing	-	Selenium WebDriver with Python
Key Skills	-	Data Structures, OOPS, Web Technologies, Machine Learning, Siebel tools

⚙️ TRAINING EXPERIENCE & WORKSHOPS

- Participated in a training program by TEK System (CHAMP 2021 Program) and exposed to industrially essential technologies.
- Completed APSSDC (Andhra pradesh state skill development corporation) workshop on MIT app inventor.
- Participated in Blockchain Technology workshop by Ethical Edufabrica.
- Participated in Internet of Things(IOT) workshop.

PERSONNEL TRAITS

- Innovative Thinking
- Hard working
- Team Person
- Disciplined and Punctual

PERSONAL DETAILS

Father's Name	: Venkata Rao Komati
Mother's Name	: Santhi Komati
Gender	: Female
Date of birth	: 03-11-1999
Nationality	: Indian
Languages Known	: English, Hindi and Telugu
permanent Address	: 26-16-26/10, Behind IGP Banglow, Ankamma nagar Guntur – 522004, Andhra Pradesh, India.
Present Address	: 409 Summit Ave, Apt 323, Arlington – 76013,TX,USA