

# Phani Siginamsetty

 Phani |  PhaniKumar |  phani.com |  siginamsettyphani@gmail.com |  +91-8125636250

## CAREER OBJECTIVE

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To associate myself with a professionally driven esteemed organization and constantly develop and utilize my skills to add value to the organization, being ahead of curve.

## EDUCATION

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2021 - present	PhD (Computer Science & Engineering) at <b>SRM-AP University</b>	(SGPA: 9.25/10.0)
2018 - 2020	M.Tech (Computer Science & Engineering) at <b>KL University</b>	(CGPA: 8.5/10.0)
2014 - 2018	B.Tech (Computer Science & Engineering) at <b>JNTUK</b>	(81.0%)
2012 - 2014	INTERMEDIATE (MPC)	(91.7%)
2011 - 2012	SSC	(GPA: 9.3/10.0)

## WORK EXPERIENCE

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### Assistance Professor

Oct 2020 - Aug 2021

- Handled course works.
- Worked in training & placements cell.
- Conducted coding sessions.

### Trainee Engineer- (ML) Research Team

Aug 2020 - Jul 2021

- Created data visualization graphics, translating complex datasets into comprehensive visual representations.
- Employed a variety of machine learning approaches to predict patient outcomes using diverse healthcare datasets.
- Hand Shredder Machine detection using Object Detection Framework.

## PROJECTS

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### Multimodal Summarization

- This project's major goal is to use multimodal input for the task of summarization and multimodal output for better user understanding. Daily, a large amount of data is produced, thus we automate the Multimodal summarization engine to save the end user's time.
- Technology stack : NLP, Deep Learning, Transformers.
- Web-scraped custom data from the IndiaToday website.
- [Demo](#).

### vision-based attendance system

- The automation of the attendance system is the aim of this project. We take a webcam frame and remove the faces of the students from it. Each student's embeddings are created and kept in MongoDB.
- Technology stack : Deep Learning, MTCNN, ArcFace.
- Implements it by using Python and build a GUI.
- [Code](#).

## Covid chatbot

- The objective of this chatbot is to server the covid related news to the users. It will provide a detailed analysis of cases in the world. It is integrated with telegram.
- Technology stack : Deep Leaning, NLP.
- Implements it by using Python.
- [Demo](#).

## Hand shredder machine detection

- The major goal of the initiative is to save the lives of people who work in the machine sector. We incorporate security cameras all around the machine, and if a person's hand passes the threshold, the machine will stop.
- Technology stack : Deep Leaning.
- Implements it by using Python.
- [Code](#).

## Web scraping using python

- The task of automation is very essential to save time. So, in our projects for data collection we scrape the text from the web.
- By using scraping mechanism, automated the price drop alerts of e-commerce sites.
- Scraping the images from the web to solve some deep learning challenges.
- Scraping the news articles from the websites in order to solve NLP related tasks.
- Technology stack : BeautifulSoup. Selenium.
- Implements it by using Python.
- [Code](#).

## PUBLICATIONS

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Siginamsetty, Phani and V. Krishna Reddy (2020). "Machine Learning Classifiers and Along with TPOT Classifier (Automl) to Predict the Readmission Patterns of Diabetic Patients". In: *International Journal of Recent Technology and Engineering*.

Siginamsetty, Phani and Ashu Abdul (2021). "Abstractive Text Summarization with Fine-Tuned Transformer". In: *Conference on Machine Vision Augmented Intelligence*.

## SKILLS

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Some Skills	Machine Leaning, Deep Leaning, NLP, Python, Web Scraping, Data Science
Some More Skills	Pandas, Data analysis & Visualization, Web-framework (Flask)
Technical Skills	Web scraping and Task automation's.

## INTERESTS

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Exploring interesting information about space & reading blogs related to new technologies  
Spending time with kids, playing cricket, & chess