

## Shivesh Chowdary Kodali

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### SKILLS & PROFICIENCIES

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**Languages and Skills** : C | Python | C++ | SQL | HTML | CSS | JavaScript | Data Visualization | Natural language processing | computer vision

**Tools and Libraries** : Git | Docker | TensorFlow | Pandas | PyTorch | Hugging Face | Linux | Flask | Heroku

**Soft Skills** : Time Management | Leadership | Teamwork | Problem Solving | Analytical Thinking

### EDUCATION

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**Texas A&M University** | College Station, Texas

Master of Science in Data Science, focus in Computer Science | Aug 2023

- Completed and Currently enrolled courses : machine learning, deep learning, applied analytics, data mining, and statistical analysis for data science.
- Executed various projects, including predicting weather using machine learning techniques, performing exploratory data analysis on NBA data, and implementing image classification using CNNs.
- Recognized for exceptional performance at the TAMU Datathon, securing 2nd prize for customer intent prediction based on image and text analysis.
- Independently pursued self-projects during the course, showcasing proficiency in neural machine translation using basic RNN encoder-decoder, RNN encoder-decoder with attention, and implementing transformers from scratch. Additionally, applied skills in image captioning using encoder-decoder architecture with attention using pytorch

Cumulative GPR: 4 out of 4.0

**Indian Institute of Technology Kharagpur** | Kharagpur, West Bengal, India

Bachelor of Technology in ECE, Micro Specialization in AI | 2019 - 2023

- Undergraduate micro-specialization in Artificial Intelligence, covering machine learning, generative and graphical models, natural language processing, and general artificial intelligence.
- Hands-on projects, including sign language detection and image generation using Generative Adversarial Networks (GANs).
- Led the water polo and swimming teams as captain for two consecutive years during the 3rd and 4th years, demonstrating leadership and teamwork skills.

Cumulative GPR: 8.1 out of 10

## EXPERIENCE

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<<Internship / Work Experience / Volunteer Work / Leadership Role>>

**AiHello** | Remote

Artificial Intelligence Intern ( Part-Time ) | Jan 2022 – Jan 2023

- Developed and implemented an ARIMA model to precisely forecast future product sales by leveraging historical sales data. Achieved a forecasting performance that was deployable.
- Utilized reinforcement learning techniques to train a predictive agent that accurately forecasts future stock prices based on indicators such as MA, MACD, and RSI values. The model when tested helped in achieving profits
- Employed advanced training techniques to develop a T5 model capable of generating coherent and contextually relevant next sentences

**Samsung R&D Institute India** | Noida, Delhi, India

Research Intern | May 2022 – July 2022

- Acquired in-depth knowledge of VAST (Video Ad Serving Template) and Google Ads Manager, enabling me to effectively deploy ads within video players.
- Mastered videojs, a powerful JavaScript framework, along with the IMA SDK, allowing me to seamlessly implement VAST Ads using HTML and JavaScript.

**YoZu** | Remote

Artificial Intelligence Intern (Part-Time) | Oct 2021 – Dec 2021

- Developed a Q&A model for educational content at Yozu by fine-tuning the T5 language model.
- Utilized data extracted from textbooks to enhance the model's performance in generating accurate and contextually relevant answers.

**Locobuzz** | Mumbai, Maharashtra, India

Data Science Intern | Mar 2021 – May 2021

- Implemented a compact version of the Inception Net architecture to create an Emotion Detection Model capable of accurately identifying six distinct emotions with a test accuracy of 87 percent.
- Collaborated on enhancing the accuracy of a Sentiment Model by implementing various strategies and techniques, resulting in a significant boost of 5 percent in performance.
- Optimized a large-scale BERT Model to effectively categorize text based on conversational data between customers and agents with an accuracy of 91, improving the model's ability to understand and extract meaningful information.

**Indian Institute of Technology Kharagpur** | Kharagpur, West Bengal, India

Institute Captain Water Polo team | Mar 2021 – May 2021

- Accomplished Water Polo Athlete: Guided team to an impressive silver medal in the prestigious Inter IIT Sports Meet while earning the distinguished honor of being recognized as the Best Water Polo Player at my college.

## HONORS & AWARDS

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**Honorable Mention (Water Polo)**, Indian Institute of Technology Kharagpur, May 2023

**Special Mention(Swimming)**, Indian Institute of Technology Kharagpur, May 2023

