

# Venu Kumar J

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<https://venujakkula.github.io/>

## Summary

Experienced Developer, Mentor, and Pythoneer

I am an accomplished professional with expertise in computer vision, deep learning, and machine learning. I have a strong passion and a proven track record of success in building data science projects. My diverse background includes data science domain, and collaborating with renowned academic institutions such as IIITH, IISc to develop cutting-edge machine learning projects using Python for executive programmes.

I'm dedicated to mentoring aspiring professionals in the field of Data Science. With solid skills in full-stack development using Django and Spring Framework, Streamlit, Gradio I craft robust web solutions for exceptional user experiences. Additionally, I drive innovation through OpenAI ChatGPT, creating dynamic and engaging conversational systems.

## Experience



### Systems Engineer | Developer

Tata Consultancy Services

Feb 2022 - Present (2 years 1 month)

- NLP Expertise: With strong background in NLP, I delved deep in creating ontologies and graph networks for search engines and ranking systems, text classification, sentiment analysis and text generation.
- Generative AI: With deep knowledge and hands-on experience, developed more than 5 solutions using with OpenAI, ChatGPT and LLM's.
- Achieved Digital Milestone as part of wings1 program (incentivization based on learning), attempted and cleared all technical exams including Python and Fullstack handson.
- Currently Working on Client(AMD) Project as a Data scientist on Generative and ML.



### Executive content development | AIML

TalentSprint

Dec 2019 - Jan 2022 (2 years 2 months)

- Attended the AIML program in IIIT Hyderabad sponsored by Talentsprint and contributed as a fellow student in code walkthroughs during the internship and gained recognition, which helped me acquiring knowledge to mentor the fellow students.
- Offered full time position to serve as mentor for actively engaging in Hackathons and technical discussions during internship.
- After Turning from intern to fulltime, Successfully completed over 25 Projects in CDS within 1year timeframe by utilizing industry standard tools and techniques.
- Awarded the best content developer for consistently met project milestones by collaborating with peers and showing strong time management and organizational skills.



### Full-stack Developer trainee

## TalentSprint

Aug 2019 - Dec 2019 (5 months)

Developed a Spring Boot based Forex Platform application on my own, recognized and awarded with certificate by MentorMinds for innovation and impact.



## Managing Editorial Associate

Acta Scientific Publications Private Limited

Jul 2018 - Jul 2019 (1 year 1 month)

- Managed the scientific journal ensuring the timely publication of research articles along with plagiarism and proof reading to maintain high quality standards.

## Education

### Malla Reddy College of Engineering

Bachelors of Technology, Computer Science

2014 - 2018

After completing my 12th class from Narayana Junior College in 2014, I have appeared in EAMCET exam and secured a seat in JNTUH affiliated college.

## Licenses & Certifications



### Amazon Web Services Machine Learning Essential Training - Amazon Web Services (AWS)

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### Microsoft Certified: Azure AI Fundamentals - Microsoft

I572-6010



### Microsoft Certified: Azure Data Scientist Associate - Microsoft

Issued Apr 2023 - Expires Apr 2024

1722-6803

## Skills

Nginx • Git • EDA • Computer Vision • Natural Language Processing (NLP) • Time Series Analysis • Machine Learning • MLOps • Data Analysis • Data Engineering

## Honors & Awards

### Teaching Excellence Award - Talentsprint

Mar 2021

Awarded for Excellent teaching and mentoring the professionals in AIML and Data science course.

Mentoring skills helped the learners with utmost interest in practicals and that lead to higher Q2 growth in sales of the organization.