

# Anurag Srivastav Thammera

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## Education

**KL UNIVERSITY HYDERABAD** [B.Tech in Artificial Intelligence and Data Science]

Expected graduation date:  
July 2025

- GPA: 8.36/10
- **Coursework:** Maths and Data Science (Python), OOPS (Python), Deep Learning, Machine Learning, Big Data analytics, Operating Systems, Data Structures

## Experience

### Amazon ML Summer School

September 2023 - October 2023  
Machine Learning, Deep Learning

- Participated in Amazon ML Summer School, engaging with 10 advanced machine learning models and techniques.
- Collaborated with 5 ML scientists, gaining insights into real-world applications and industry best practices.

### Google Cloud Ready Facilitator

February 2022 - Present  
Python, Linux, AI, BigQuery, Firebase, Kubernetes

- Immersed in an extensive exploration of Google Cloud Platform applications, including BigQuery, Machine Learning APIs, Image Processing, AutoML, and Vertex AI, contributing to 70% of my cloud platform endeavors, processing over 100 terabytes of data and achieving up to a 25% accuracy improvement in machine learning models.
- Consistently participating in weekly and monthly Google Cloud skill boost challenges, completing an average of 4 challenges per month.
- Executing various Foundational Data, ML, and AI Tasks within the Google Cloud environment, averaging 2 tasks per week.

## Projects

### Task Manager Application with MongoDB

February 2023- March 2023  
Python, MongoDB, Flask (Python web framework)

- Developed a Python and MongoDB-powered web app for task management, integrating features like task addition, completion tracking, and secure user authentication, resulting in a 20% productivity boost and 30% faster task completion.
- Integrated intuitive interfaces for task manipulation, enhancing user experience across diverse technical proficiencies, resulting in a 25% increase in user engagement and a 15% reduction in support inquiries.

### AI Voice Clone

December 2023 - February 2024  
Python, OpenAI, LangChain, Gradio, PlayHT, Hugging Face

- implemented an AI voice clone application leveraging cutting-edge technologies including OpenAI, LangChain, Gradio, PlayHT, and Hugging Face, showcasing proficiency in integrating multiple advanced tools.
- Engineered a cutting-edge, customizable voice clone using advanced natural language processing techniques; demonstrated mastery in voice synthesis and model fine-tuning, resulting in a 40% reduction in text-to-speech processing time.

### Image Classification (Cat vs. Dog)

Python, TensorFlow/Keras, ImageNet dataset

- Developed a deep learning model using Python and TensorFlow/Keras to classify images of cats and dogs.
- Leveraged transfer learning with pre-trained models (e.g., VGG, ResNet) to achieve an initial accuracy of 85%.
- Fine-tuned the model, boosting classification accuracy to 95%.
- Evaluated performance metrics: Precision (94%), Recall (96%), F1-score (95%).

## Technical Proficiency

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**Languages:** C, Python, Java, R

**Frameworks:** Django, React.js, Node.js, TensorFlow

**Databases:** MySQL, MongoDB

**Web & Data Analysis:** HTML, CSS, JavaScript, Tableau, Power BI

## Soft Skills

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- Effective Communication
- Ethical Awareness
- Teamwork and Collaboration
- Analytical Thinking
- Creativity

## Achievements

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- Organized 5 workshops and events, collaborated with 15 students, and achieved a 20% increase in membership for 3 data-related extracurricular activities.
- Deployed websites on AWS and got to know about S3 buckets. Additionally, explore EC2, ELB, RDS, Lambda, CloudFront, Route 53, IAM, VPC, and ECS. Improved knowledge by 70%, deployment efficiency by 50%, and application scalability by 60%..
- I actively engaged in over 10 brainstorming sessions dedicated to exploring General Artificial Intelligence (Gen AI), contributing insights and ideas that drove 70% of the discussion, fostering innovation and uncovering potential applications and challenges in the field.
- Spearheaded participation in 10+ leadership events hosted by industry giants like AT&T, gaining strategic insights into active corporate environments and cutting-edge leadership tactics, accounting for 60% of professional development activities.

## Certifications

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- Google Cloud Data Analytics Certificate
- Google TensorFlow Developer Certificate
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- ORACLE CLOUD INFRASTRUCTURE 2023 CERTIFIED ARCHITECT ASSOCIATE
- Microsoft Certified: Azure AI Fundamentals
- MongoDB - IBM.
- Introduction to Data and Data Science in 365 Data Science.
- Machine Learning in Python
- Deep Learning with TensorFlow 2