

## ABOUT ME

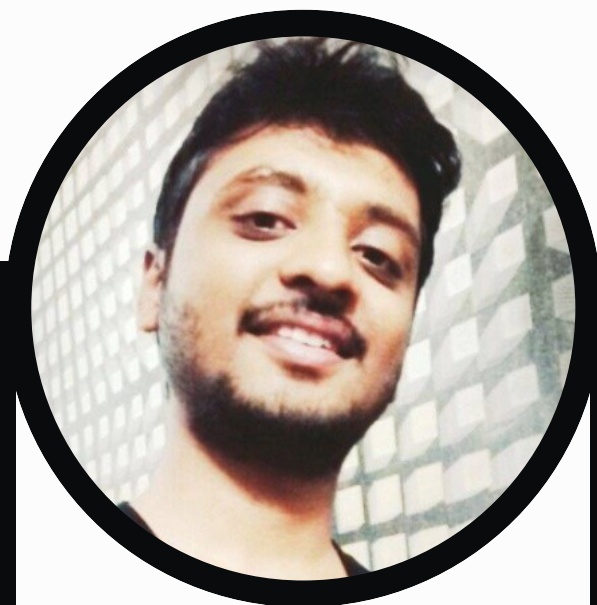
I am a Python Developer passionate about solving complex problems through innovative technology. I handled data engineering for big data on cloud platforms like GCP and AWS. I've developed and automated practical applications in Computer Vision. As an ML practitioner, I focus on NLP, LLM and Generative AI & deployed Hugging Face models for various ML tasks. I'm goal-oriented and I identify the right tools to achieve objectives, and I strive to combine technical skills with creative thinking to develop impactful, efficient solutions.

# MANJUNATH KARANTH

## Python Developer

Data Engineering | Automation |  
Cloud Compute AWS, GCP

ML Practitioner: LLM, NLP, CV, Generative AI



## WORK EXPERIENCE

### ■ Associate Manager

Think and Learn Pvt Ltd

2018 – Present

Elevated from Senior Creative Associate to Technical Lead, Assistant Director, and now Associate Manager, my journey exemplifies innovation and technical skill across varied domains. Highlights of my work include:

#### Machine Learning, LLM, Gen AI, NLP (Python):

- Deployed Paddle OCR to identify sensitive words within video content, and trained YOLOv8 models to recognize inaccuracies in geopolitical maps.
- Fine-tuned and deployed LLaMA2 LLM to perform fact-checking and offensive content analysis.
- FineTuned and deployed hugging face roberta to perform sentiment analysis on reviews.
- Conducted audits on sales calls utilizing OpenAI's Whisper and ChatGPT to detect any instances of mis-selling.

#### Data Engineering (Python):

- Led comprehensive data extraction, transformation, and loading (ETL) processes, utilizing Selenium, lxml, pandas, and PySpark on AWS.

#### Software & Web Development (Python, Flask, HTML):

- Python script to automate batch editing and stitching of videos and adding transitions in between.
- Developed a GUI tool using PyQt for seamless cross-domain function execution for IT Operations.
- Crafted a RAG system for an internal website, showcasing my full-stack development skills for efficient video database search and play at point.

## TECH SKILLS

- Python Development
  - Pandas | PySpark
  - SQL alchemy | PyMongo
  - DOCKER | GCP | AWS |
  - Selenium | LXML
  - Flask | Fast API
  - Vector Stores (ChromaDB)
  - STABLE DIFFUSION
  - YOLO | PADDLE OCR
  - HF LLM's Deployment
  - Prompt Engineering
  - CHATGPT & GEMINI API
- HTML | CSS | JAVASCRIPT

## PORFOLIO



Python Dev | AI ML | REEL  
<https://www.youtube.com/watch?v=ss8QWog8F-I>



[manjunath7472.github.io](https://github.com/manjunath7472)

### Automation (JavaScript, Python):

- Developed over 25 AFX Tools and 10 Premiere Pro functions for editing efficiency.
- Standardized After Effects templates and automated compositing with the Auto Comper tool.
- Enhanced Blender workflows and optimized Thinkbox Deadline software for parallel computing efficiency.

### Computer Graphics (Adobe):

- Pre-visualized and produced high-quality content using After Effects and premiere pro.
- Aided the visual production team, enhancing creativity through expressions, templates, simulations rigs, and scripts.
- Standardized templates with expressions and utilized Element 3D, and Trapcode for compelling videos.
- Excelled in chroma keying and compositing; streamlined creative processes, integrating custom scripts to slash production times.
- Focused on quality improvement by automating repetitive tasks.

## ■ Computer Graphics generalist

FlipbookFilms

2013 – 2017

- Created corporate video presentations for Wipro, HP, and Infosys.
- Developed 3D product visualizations for Epson, Santoor, and Kingfisher IPL.
- Produced brand showcase videos for Nike, Simply Sofa, Van Heusen, and Seiko Watches.
- Worked under tight deadlines, leading to the identification of patterns that could be automated.
- Developed a script reducing task time from half a day to one hour, significantly lightening the workload.
- This led to a passion for scripting, resulting in the creation of numerous scripts to improve workflow efficiency and allow for rest despite tight schedules.

## ■ 3D generalist

Travel Trendz

2010 – 2013

- Specialized in Autodesk Maya for 3D tasks.
- Expanded into motion graphics, including titles and intros, using After Effects.
- Adopted Premiere Pro for editing.
- Focused on channel idents, logo animations, lower thirds, and composited 3D shots with After Effects.
- This marked a career shift, integrating 3D skills with motion graphics and editing to enrich my storytelling capabilities.

## SOFT SKILLS

- Creativity
- Adaptability
- Problem-solving
- Communication
- Teamwork

## EDUCATION

- 2013  
Monad University  
Bachelor Of Science

## CONTACT ME

✉ manjunath7472@gmail.com

☎ +91 8095742505

📍 No 90, Chikkalasandra,  
Bengaluru-61