

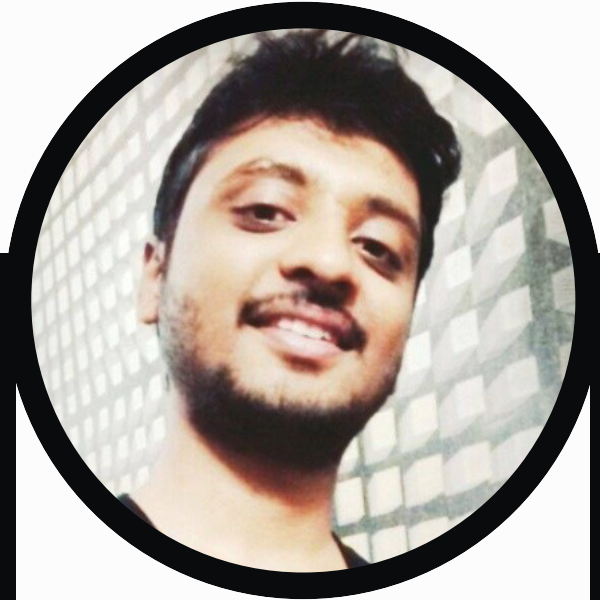
## ABOUT ME

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 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 | Computer Vision  
ML Practitioner: NLP, 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 leadership, innovation, and technical skill across varied domains. Highlights of my work include:

#### 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.

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

- Deployed Paddle OCR to identify sensitive words within video content, and trained YOLOv8 models to recognize inaccuracies in geopolitical maps.
- Conducted audits on sales calls utilizing OpenAI's Whisper and ChatGPT to detect any instances of mis-selling.

#### Data Engineering (Python):

- Led comprehensive Data Extract and Transformation, utilizing Selenium, lxml, pandas, PySpark on AWS for 1 lakh+ urls.

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


- Python script to automate batch editing and stitching of videos and adding transitions in between.
- Developed MediaTech software for seamless cross-domain function execution for IT team.
- 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)

### 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.

My role is pivotal in driving continuous innovation and leading teams toward excellence in animation, editing, software development, and more, setting the stage for future breakthroughs.

### ■ 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

- 20   
Monad University  
Bachelor Of Science

## CONTACT ME

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