

ABOUT ME

Seasoned Python Developer with over 6+ years of hands-on experience across diverse projects. Specialist in ETL processes, optimization, and developing automated scripts, backends, and APIs. Focused on NLP, LLM, and Generative AI, having trained, evaluated, and inferred models for various ML tasks. Experienced in containerizing applications using Docker and tested the deployment of containers on GCP, as well as processing big data using EMR clusters on AWS. Proven ability to analyze and identify opportunities for automation and develop effective solutions. I strive to combine technical skills with creative thinking to develop impactful and efficient solutions.

WORK EXPERIENCE

■ Associate Manager

2018 – Present

Think and Learn Pvt Ltd

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 detect text in a large video database and used fine-tuned Llama 2 to identify offensive content.
- Trained four YOLOv8 models to identify inaccuracies in Indian political maps within our large video database.
- Fine-tuned and deployed LLaMA2 to perform fact-checking and offensive content analysis.
- FineTuned and deployed hugging face roberta to perform sentiment analysis on customer reviews.
- Conducted audits on sales calls using OpenAI's Whisper for transcription, Docker for scaling, MongoDB for the database, and ChatGPT to detect instances of mis-selling.

Data Processing(Python):

- Performed many data extraction, transformation, and loading (ETL) processes, utilizing Selenium, lxml, pandas, and PySpark on AWS.
- Developed custom processing functions for users to process requests sent from their mobile devices using Telegram. Utilized a Telegram bot for handling requests, Flask for endpoint creation, Selenium for data scraping and processing, and MongoDB for database management.

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

- Developed a GUI tool using PyQt for seamless power shell script execution across all domain PCs for IT Operations.
- Built a RAG system for the backend and a basic front end for an internal website to enable efficient video database search and playback at specific points.

MANJUNATH KARANTH

Python Developer

Data Engineer | Script Automation

Cloud Enthusiast | API & backend

ML Practitioner: LLM, NLP, CV, Generative AI



TECH SKILLS

- Python Development
 - Pandas
 - SQL alchemy | PyMongo
 - DOCKER | GCP | AWS
 - Selenium | LXML
 - Flask
 - 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://youtu.be/08t2rcnufqw>



manjunath7472.github.io/it

Automation (JavaScript, Python):

- Python script to automate batch editing and stitching of videos and adding transitions in between.
- 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.

■ 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

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