

# Gowtham Mahadikar

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## PROFILE

Highly motivated MCA graduate with a strong foundation in programming, software development, and database management. Seeking a challenging role in Computer Applications to apply technical skills, contribute to significant projects, and support organizational growth through continuous learning

## EDUCATION

**Master of Computer Applications** 2022 – 2024 | Bengaluru, India  
*Dayananda Sagar Of Engineering*  
8.3 CGPA

**Bachelor of Computer Applications** 2019 – 2022 | Bengaluru, India  
*RNS First Grade College*  
7.4 CGPA

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, Golang, SQL
- **Web Technologies and CMS platforms:** HTML, CSS, Vue.js, WordPress, Shopify
- **Web Frameworks:** FastAPI, Flask, Django
- **Cloud and DevOps:** AWS, Docker
- **AI/ML:** Deep Learning, NLP, LoRA Training, Generative AI Systems, Multi-Agent Architectures, Autonomous Task Chaining
- **AI Frameworks and Libraries:** PyTorch, TensorFlow, LangChain, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn
- **LLMs & APIs:** OpenAI API, Hugging Face Inference API
- **AI Techniques:** Prompt Engineering, Retrieval-Augmented Generation (RAG), Text Summarization, Multilingual Translation

## INTERNSHIPS

**Daali Production(Film Industry)** 05/2024 – 03/2025 | Bengaluru  
*Prompt Engineer Intern*

- Designed and fine-tuned **prompts for GPT and image generation models** such as **DALL-E, MidJourney** and **Stable Diffusion**.
- Conducted LoRA training to optimize AI models for creative media use cases.
- Leveraged tools from **Hugging Face** to **accelerate AI-driven content creation**.

**ContentEase.Ai** 11/2023 – 07/2024 | Bengaluru  
*Software Developer Intern*

- Worked across **LLM, computer vision, and backend automation pipelines** to build real-world AI systems, and implemented **CI/CD pipelines** to automate testing, deployment, and delivery for faster, more reliable releases.
- Engineered and integrated **LLM-based** function calling to automate workflows, enabling structured, reliable responses and seamless execution in production systems.
- Fine-tuned **YOLO models** for specialized computer vision workflows, boosting detection accuracy and performance for niche business use cases.
- Developed end-to-end **RAG pipelines** using **FAISS, Chroma, and Pinecone**, significantly enhancing retrieval accuracy and contextual reasoning for enterprise applications.
- Contributed to **backend integrations, APIs, and cloud deployments** to support end-to-end AI features in production.
- Collaborated with senior Developers to implement new features and enhancement.

## ACADEMIC PROJECTS

**MCA**  
YouTube Summarizer  
Built a web application that enables users to input video links and receive instant summaries using **NLP libraries** like **Gensim, spaCy**, and **NLTK**.  
Multimodal Content Generation Using LLMs  
**AI assistant** for text + image generation using **Gemini Vision Pro, Stable Diffusion, Hugging Face models**.

**BCA**  
Covid Testing And Management  
Designed and Implemented a desktop application to **automate test record** and **migration permit** using **VB .NET** and **MySQL**

## CERTIFICATIONS

**Ultimate Stable Diffusion AI art Course (beginner to pro)** 🌐 2025

**Mastering PyTorch - 100 Days: 100 Projects Bootcamp Training** 🌐 2025

**Building Modern Web Applications with Go (Golang)** 2023