

Gowtham Mahadikar

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[LinkedIn](https://www.linkedin.com/in/gowthammahadikar) [GitHub](https://github.com/GowthamMahadikar)

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

Dayananda Sagar Of Engineering

8.3 CGPA

2022 – 2024 | Bengaluru, India

Bachelor of Computer Applications

RNS First Grade College

7.4 CGPA

2019 – 2022 | Bengaluru, India

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)

Prompt Engineer Intern

05/2024 – 03/2025 | Bengaluru

- 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

Software Developer Intern

11/2023 – 07/2024 | Bengaluru

- 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