



DR. AVINASH KUMAR SINGH

CORPORATE AI TRAINER AND COACH

CONTACT

- +91-9005722861
- avinash@robaita.com
- Hyderabad, India
- dr-avinash-kumar-singh-2a570a31

EDUCATION

Senior Researcher

Montpellier University,
France, 2020

Postdoctoral Researcher

Umea University, Sweden,
2018

PHD in Robotics & AI

IIIT Allahabad, 2016

WHAT WE OFFER

- Applied AI Strategy for Business Leaders.
- Data-Driven Decision Making with AI.
- Responsible AI and Governance for Enterprises.
- Customized learning paths.

WHY TO CHOOSE US

- ✓ Hands-on Experience with real-world AI deployments.
- ✓ Proven Educator, having trained students and professionals across India and Europe
- ✓ Research-Driven Approach backed by multiple publications and EU-funded research
- ✓ Strong Communicator, simplifying complex AI concepts for diverse audiences

PROFESSIONAL OVERVIEW

Dr. Avinash Kumar Singh is a seasoned AI expert and corporate trainer with over 14 years of experience spanning academia, research, and industry. He founded Robaita with the vision of helping students and working professionals transform their careers in the field of AI. He has held influential positions such as VP AI Labs at Brane Enterprises, Senior Researcher at Montpellier University, France and Postdoctoral Researcher at Umeå University, Sweden.

Dr. Avinash is widely recognized for his deep expertise in Generative AI, Large Language Models (LLMs), Agentic AI frameworks, Agent Creation, and Retrieval-Augmented Generation (RAG) and Computer Vision. He has successfully led multiple training programs and corporate workshops, empowering working professionals, engineers, and researchers with the latest developments in AI and ML.

RECENT CORPORATE TRAINING & ACADEMIC WORKSHOPS

- Generative AI and its Applications – IIT Hyderabad
- Generative AI Tools and Techniques – BITS Pilani, Hyderabad Campus
- Retrieval-Augmented Generation Systems – MNNIT Allahabad
- Fine-Tuning and Hosting LLMs – NIT Raipur
- Computer Vision and Deep Learning for Robotics – Montpellier University, France
- AI in Healthcare – Umeå University, Sweden

GENERATIVE AI TRAINER AT HERO VIRED

As a Generative AI Trainer at Hero Vired, Dr. Avinash has mentored over 250+ working professionals across 6 cohorts, focusing on:

- Foundations of Generative AI and LLMs
- Prompt engineering and advanced techniques
- Building chatbots with OpenAI and Google Agent Builder
- Fine-tuning custom LLMs using LoRA and HuggingFace
- Retrieval-Augmented Generation (RAG) pipelines
- Building agentic systems using modern frameworks

CORE TRAINING EXPERTISE

- Agentic AI Frameworks: Agent creation, multi-agent orchestration, agent builders (OpenAI, Google)
- Conversational AI: Chatbots, document-based Q&A, VLM-based systems
- RAG Systems: Document chunking, vector DBs, semantic search
- Computer Vision: Object detection, action recognition, visual grounding
- Custom AI Solutions: Fine-tuning LLMs on proprietary datasets, domain-specific application