



Asst.Prof. Shridhar Hanmant Kolekar

M.C.A. (Computer Application)

Assistant Professor in IT

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ABOUT ME

Assistant Professor in Information Technology with expertise in Data Science, Machine Learning, Generative AI, and .NET development. Combines academic knowledge with industry experience to deliver practical, research-oriented education

PROFESSIONAL EXPERIENCE

Assistant Professor – Department of IT (Present)

Shri S. H. Kelkar College, Devgad

- Teaching Python, Data Science, Machine Learning, and DBMS
- Mentoring student projects in AI/ML and emerging technologies
- Conducting practical-oriented sessions using modern tools

Data Science & AI Intern (Apr 2025 – Nov 2025)

RamanaSoft

- Developed Machine Learning and NLP models
- Built AI-based applications using LLMs and modern frameworks

Junior .NET Developer (Oct 2023 – Oct 2024)

RN Software's & Consultants

- Developed backend systems using C# and ASP.NET
- Worked on real-world software development and deployment

RESEARCH & PUBLICATIONS

- Published Research Paper:

“From Data to Intelligence: Foundations of Data Science and Machine Learning with Python-Based Algorithms and Models”

(Historicity International Journal – National Conference)

ACADEMIC & TECHNICAL EXPERTISE

- Artificial Intelligence & Generative AI
- Machine Learning & Deep Learning
- Natural Language Processing (NLP)
- RAG (Retrieval-Augmented Generation) Systems
- .NET Development (C#, ASP.NET)
- Data Science & Analytics

KEY PROJECTS & INNOVATIONS

- SatyaGyan – Multi-agent AI-based fact-checking system using LLMs & CrewAI
- RAG-SQL Chatbot – Intelligent chatbot integrating NLP with database querying
- Product Recommender System – Machine Learning-based recommendation engine