RK

ROHIT KADAM

Data Science Researcher

+91 7767880235 • rohitkadam1410@gmail.com • linkedin.com/in/rohitkadam315 • Pune, India

Summary

I am a passionate Data Science researcher with over 4 years of experience in developing AI, ML, and GenAI-powered solutions in the health tech and regulatory intelligence sectors. I have a strong track record as a granted patent holder and published author, along with experience presenting at professional conferences. I am dedicated to exploring the intersection of AI and life sciences through innovative academic and industry-led projects

Experience

TATA CONSULTANCY SERVICES
Pune, India
01/2024

I.T. Analyst

Leading IT services, consulting, and business solutions organization

- Led the development of a GenAI-based medical assistant using Azure OpenAI which improved monitoring process efficiency
- Directed a team of 4 in building modular LLM Applications using RAG for literature management system
- Acted as the primary point of contact for stakeholders during the pilot phase, streamlining solution rollouts
- Conducted cross-team brainstorming sessions and stakeholder interviews to define business use cases in HealthTech

TATA CONSULTANCY SERVICES
Pune, India
07/2021 - 12/2023

System Engineer

Leading IT services, consulting, and business solutions organization

- Developed the Regulatory Intelligence Chatbot project using RASA and custom NLP, reducing query response time for regulatory professionals
- Collaborated with SMEs and business leads to design AI-driven healthcare pilots
- Served as Innovation Lead during the Incubation Bootcamp, resulting in the award-winning product idea
- Mentored three junior interns in Python, NLP, and AI ML fundamentals and developing POC solutions
- Initiated a knowledge-sharing forum within the R&I team to accelerate GenAI adoption across verticals

TATA CONSULTANCY SERVICES
Pune, India
09/2020 - 06/2021

Assistant System Engineer

Leading IT services, consulting, and business solutions organization

- Contributed to data analysis and dashboard creation using Python for EHR Analytics
- Supported early experiments with NLP for medical writing applications
- Worked as an individual contributor in POC development to streamline EHR data to EDC

Education

Rajarambapu Institute of Technology, Shivaji University
Sangli, India
07/2014 - 05/2018

Bachelor of Technology (Mechanical Engineering)

Yashawantrao Chavan Institute of Science
Satara, India
06/2012 - 05/2014

Higher Secondary (H.S.C)

Maharaja Sayajirao Vidyalaya
Satara, India
06/2011 - 05/2012

Secondary School (S.S.C)

Key Achievements

Granted Patent Holder
Granted patent for an automated validation approach enhancing regulatory compliance processes

Published Author
Published author with extensive research on AI advancements in regulatory intelligence

PharmaSUG Presenter
Presented at PharmaSUG, showcasing innovative applications of AI in clinical practices

Skills

Gmail · Azure · Modular · NLP · Python · POC · REST · AWS · UAT · Blockchain

Projects

GenAI Based medical monitoring assistant

Pune, India
01/2024

GenAI Based medical monitoring assistant
- Developed an intelligent assistant using Azure OpenAI to support real-time medical monitoring and decision making in clinical trials
- API driven architecture to support medical monitoring queries and provide actionable insights