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N.Prashanth

Profile

As a Computer Science graduate and current master's student in AI at RMIT, I have a deep passion for data science, machine learning, data analytics, and artificial intelligence. I have extensive experience in RAG systems, data collection, exploratory data analysis (EDA), data cleaning, modeling, training machine learning models, and deploying these models onto web applications. Currently, I work as a freelancer, specializing in AI, data science, data analytics, and web development, where I've successfully completed numerous projects. In this role, I have developed strong skills in product management, resource hiring, project management, and client communication. I excel at managing multiple projects simultaneously, leading teams, and delivering high-quality results that exceed client expectations. My experience has made me adept at driving innovation, optimizing processes, and ensuring customer satisfaction in data-driven environments.

EXPERIENCE

FREELANCING | OCT, 2023 – PRESENT:

AI-Based Astrology Chatbot:

- Developed an intelligent chatbot app leveraging the OpenAI Assistant API to create a Retrieval-Augmented Generation (RAG) system trained on Hindu astrological books. Managed the AI development and collaborated with external teams for API integration and chatbot interface design.
- **App link**

2D to 3D NFT Image Conversion Using AI:

- Led the development of an AI-based solution for converting 2D images into 3D NFTs, incorporating advanced features for enhanced visual quality. Oversaw the AI components and coordinate with the team for interface integration and design.
- **Website link**

Web Design and Development for Maalaxmi.ai:

- Directed the design and development of the website maalaxmi.ai, focusing on creating a user-friendly interface and integrating AI functionalities. Managed the project from concept to launch, ensuring alignment with client requirements.
- **Website link**

Key Responsibilities Across Projects:

- Handled the AI components of projects, ensuring the implementation of cutting-edge technologies and algorithms.

- Managed all aspects of project management, including client meetings, hiring, and team management.
- Coordinated with external teams and professionals for specialized tasks such as interface integration and design.
- Ensured timely delivery of projects while maintaining high standards of quality and accuracy.

DATA SCIENCE/A.I./M.L. TRAINER | ANION SOFTECH | FEB,2022 – SEP,2023 :

- Conducted workshops and seminars on AI, ML, and data science for students, faculty, and industry professionals
- Worked with cross-functional teams to develop and implement data-driven solutions to real world business problems
- Analyzed large datasets to uncover hidden trends and insights using statistical techniques · Built predictive models to forecast customer behavior and sales trends
- Designed and implemented advanced analytics and machine learning algorithms to automate complex business processes

DATA SCIENCE INTERN | ANION SOFTECH | JAN ,2021 –JAN, 2022:

- Assisted in the development of predictive models using machine learning algorithms to optimize the learning experience of students.
- Conducted exploratory data analysis to identify patterns and trends in student behavior.
- Designed and implemented interactive dashboards using Power B.I to visualize student performance and engagement metrics.
- Collaborated with cross-functional teams to identify and implement data-driven solutions to improve student outcomes.

EDUCATION

MASTER'S OF A.I. (March,2024 - Current):

RMIT University, Melbourne,Australia

BACHELOR OF TECHNOLOGY (CSE) (JUNE ,2019-MAY ,2023): 8.26 CGPA

RJIT College, India

TECHNICAL SKILLS

· AI/ML Frameworks: OpenAI Assistant API, RAG system, Lang chain, Lamma index

· Machine Learning/Deep Learning: Keras, PyTorch, Scikit-Learn

· Data Analysis/Visualization: Pandas, NumPy, Matplotlib, Seaborn, Regex

· Natural Language Processing: NLTK

· Databases: MySQL, PostgreSQL

· Version Control: Git, Github

· Programming Languages: Python, SQL

SOFT SKILLS

· Leadership & Team Management: Successfully led teams in delivering AI-driven projects, ensuring collaboration and effective communication.

· Project Management: Proficient in managing project timelines, resources, and client expectations to ensure timely and successful project delivery.

· Problem-Solving & Analytical Thinking: Ability to break down complex problems and devise innovative solutions.

· Communication: Excellent written and verbal communication skills, adept at conveying technical concepts to non-technical audiences.

· Adaptability & Learning Agility: Quickly adapt to new technologies and industry trends to stay ahead in the fast-paced tech landscape.

· Client Relations & Negotiation: Skilled in building and maintaining strong client relationships, negotiating contracts, and ensuring client satisfaction

CERTIFICATIONS

AWS Academy Graduate - AWS Academy Machine Learning Foundations:
https://www.credly.com/badges/339c09d2-4ebc-4316-a6fd-b18e6ccc4f8b/public_url

AWS Academy Graduate - AWS Academy Cloud Foundations:
https://www.credly.com/badges/ab2b1052-a466-4a09-a51c-270bab855bb3/public_url

Google Data Analytics Certificate:
https://www.credly.com/badges/93ee25ff-0652-45de-be56-10600408b9c4/public_url