Kusumieta Magoo

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EDUCATION

Bachelor of Technology-Computer Science & Engineering | Amity University | Noida, Uttar Pradesh | 2025 | 7.74

EXPERIENCE

Software Engineer | Thermo Fisher Scientific | Hyderabad, India | April 2024 - July 2024
- Developed and implemented a proof-of-concept automated tool to extract data from customer databases and generate comprehensive PDF reports, enhancing data visualization and operational efficiency using Python. The Pdf comprised 20+ graphs with up to 5 parameters each.
- Designed and implemented a user-friendly interface for the tool using C#, enhancing usability and customer experience.

Software Trainee Intern | Brillanz Software Solutions LLP | May 2024 - July 2024
- Worked on Auto Translation and Transcription, utilizing Google's APIs for Speech-to-Text, Translate, and Text-to-Speech to automate transcription and translation of prerecorded videos, enhancing accessibility in multiple languages.

Full Stack Developer Intern | FELDIV | July 2024 – September 2024
- Developed a platform that automates legal documentation, featuring AI-driven document drafting, real-time chat assistance, and secure lawyer communication. Tailored to Indian legal requirements, covering various law types.
- Integrated speech-to-text, text-to-speech, and PDF generation for user convenience, while ensuring secure, confidential interactions. This solution simplifies legal processes, saves time, and increases access to legal resources.

Web development Intern | Bharat intern | January 2024 - February 2024
- Built interactive Netflix homepage clone and a real-time weather forecast application using HTML, CSS, JavaScript & leveraging API integration.

PROJECTS   GitHub

Facial Recognition & Identification Based Attendance System | Python
- Developed a facial recognition and identification-based attendance system that maintains a timestamped list of student names to reduce manual work by 90%.
- Integrated Google Text-to-Speech and PYTTS, enhancing accessibility features for 200+ users with visual impairments, enabling seamless navigation and interaction within the application to promote inclusivity in technology.

Personal Portfolio Website | HTML, CSS, JavaScript, React
- Created an interactive and user-friendly personal portfolio website showcasing my accomplishments and career-related achievements.

Zomato Restaurant Data Analysis and Recommendation System | Python
- Data Extraction: Scraped Zomato restaurant data, including URLs, ratings, and cuisines, for efficient neighborhood and category analysis.
- Analysis and Recommendation: Analyzed user sentiments from reviews and built a content-based recommendation system for personalized suggestions.

Deepfake Image and Forged Signature Detection | Python
- Developing an advanced ML model leveraging CNN, VGG, and Siamese networks with supervised learning to accurately detect deepfake images and forged signatures, driving enhanced cybersecurity solutions.

SKILLS

Front End: React, NextJs, HTML, CSS,
Programing Languages: Python, C/C++, Java, JavaScript
Data: Microsoft SQL Server
Productivity Tools: Microsoft PowerPoint, Microsoft Excel, Canva, VS code, Git
Miscellaneous: Data science, AI/ML, cloud computing (AWS), cyber security, Linux

CERTIFICATIONS

A1 + A2 FIT-IN-DEUTSCH - Goethe Institute

Python for Data Science | IIT Madras-NPTEL | 2024
- This certification helped me build essential skills in data manipulation, visualization, and analysis using Python, which is a key tool in data science roles today. Through the course, I learned to work with practical libraries like NumPy, Pandas, and Matplotlib & seaborn which are crucial for handling real-world data tasks.

The data science course: complete data science Bootcamp | Udemy | 2024
- This course provided me with hands-on experience with Python, SQL, machine learning, and data visualization & covered real-world applications and tools like Pandas, TensorFlow, and Matplotlib, aligning with key data science roles in analytics, AI, and business intelligence

Artificial Intelligence A-Z 2024: Build 5 AI + LLM & ChatGPT | Udemy | 2024
- This course offered hands-on projects in AI, LLMs, and ChatGPT & covered essential tools like TensorFlow, PyTorch, and OpenAI APIs, preparing learners for real-world applications in AI development, natural language processing, and machine learning.

INVOLVEMENT

Content Team Head | Amity University | Virtual Reality and Game Development Club | August 2023 - Present
- Leading a 10-member team in creating content for the club's LinkedIn, Instagram, and WhatsApp platforms. Served as event anchor.

Core Team member | Amity University | IEEE Student Branch | December 2023 - December 2023
- Actively participated in 20+ Tech related club events, contributing to content creation and event hosting.

Volunteer | Green Hands
- lead and managed a team of 20+ members for environmental initiatives including tree plantation, dry waste management, and recycling programs.

Volunteer | Robin Hood Army
- Participated in 15+ Food drives to serve and distribute food, clothing, books and other necessary entities to the underprivileged communities