Kusumieta Magoo

Faridabad, India ✉ kusumieta.magoo@gmail.com ☐ 8800831392 in LinkedIn ☁ Portfolio

EDUCATION

Bachelor of Technology-Computer Science & Engineering | Amity University | Noida, Uttar Pradesh | 2025 | 8.0

EXPERIENCE

Software Engineer Intern | Thermo Fisher Scientific | Hyderabad, India | April 2024 - July 2024
- Crafted an 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 increasing multilingual accessibility by 70% and reducing manual effort by 80%.

PROJECTS   GitHub

Deepfake Image and Forged Signature Detection | Python, Deep Learning | Link
- Developed a DeepFake detection system using CNNs to classify real vs AI-generated facial images with 92%+ accuracy, trained on a 20,000+ image Kaggle dataset; evaluated performance using confusion matrix and ROC-AUC metrics.
- Built a forged signature detection model leveraging advanced image preprocessing and CNN classifiers, achieving 90%+ precision in differentiating real and forged handwritten signatures; assessed using classification reports and visual analytics.

Facial Recognition & Identification Based Attendance System | Python, OpenCV | Link
- Developed a facial recognition and identification-based attendance system that maintains a time-to-date 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.

LAW-GPT | HTML, CSS, JavaScript, Python| Link
- Built an AI-powered legal documentation platform tailored to Indian law, automating contract drafting and enabling secure real-time chat with legal professionals; supported over 10+ legal domains to improve accessibility and efficiency.
- Integrated Google's Speech-to-Text, Text-to-Speech, and PDF generation to enhance user interaction, reducing documentation time by 40% and ensuring end-to-end secure, confidential legal communication.

SKILLS

Programing Languages: Python, C++, JavaScript
Front End: React.js, Next.js, Angular, HTML, CSS
Backend: Node.js, Express.js, REST API, Django, Flask
Data: SQL, MySQL, PostgreSQL, MongoDB
Cloud: AWS, Azure
Miscellaneous: DSA, WebSockets, Microservices Architecture, OOPs
DevOps & Tools: Docker, Kubernetes, CI/CD
SDLC: Scrum, Agile.
Soft Skills: Problem Solving, Critical thinking, Creativity, Innovation

CERTIFICATIONS

AWS Academy – AWS Cloud Practitioner |2025
Python for Data Science | IIT Madras-NPTEL | 2024
CISCO – Introduction to Cybersecurity | 2023
A1 + A2 FIT-IN-DEUTSCH - Goethe Institute

INVOLVEMENT

Content Team Head | Amity University | Virtual Reality and Game Development Club | August 2023 - Present
- Leading a 15+ 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 2022 - December 2023
- Actively participated in 20+ Tech related club events, contributing to content creation and event hosting.