YUKTHAA JOIS HS

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SUMMARY

Results-oriented Engineering Executive with a proven track record of optimizing project outcomes. Skilled in strategic project management and team leadership. Seeking a challenging executive role to leverage technical expertise and drive engineering excellence.

PROJECTS

AN INTRUSION DETECTION SYSTEM FOR SECURITY IN THE IOT ENVIRONMENT

Implemented an Intrusion Detection System (IDS) to monitor and detect anomalies in IoT network traffic. Enhanced security by identifying potential threats using lightweight detection algorithms suitable for resource-constrained IoT devices.

Improved MRI Brain Tumor Detection using Deep Learning

Developed a deep learning-based model to enhance MRI brain images for accurate tumor detection and segmentation. Utilized CNN architectures to improve diagnostic accuracy and support early-stage tumor identification.

Image Labelling using Amazon Rekognition

Utilized Amazon Rekognition's free-tier services for automated image labeling and classification. Developed a pipeline for efficient image annotation, enhancing data organization and analysis workflows.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering   2022 - 2026
JSS Academy of Technical Education, Bengaluru

Pre - University (KSSEEB)   2020 - 2022
Base PU College, Bengaluru

ADDITIONAL INFORMATION

- **Technical Skills:** C, Java, Python, OOP, DSA, Project Management
- **Soft Skills:** Communication, Adaptability, Teamwork, Attention to Detail
- **Certifications:** Generative AI for Beginners (Udemy), Data Fundamentals (IBM SkillsBuild)