Jayanth Kumar N

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Education

APS College of Engineering, Bengaluru, India
B.E. in Information Science | Dec 2022 – May 2026 | GPA: 8.1/10

Skills

• Programming & Frameworks: Java, Python, Py Torch, TensorFlow/Keras.
• Machine Learning & AI: CNNs, Model Fine-Tuning, Data Preprocessing.
• Applied AI Tools: OCR (Tesseract, Easy OCR), OpenCV
• Other Technical Skills: HTML, CSS, JavaScript, Bootstrap, Tableau, Power BI, Git/GitHub

Projects

Pneumonia Detection (Deep Learning, TensorFlow/Keras): Built and fine-tuned a CNN model on chest X-ray datasets. Applied preprocessing to handle noisy images. Achieved 40% accuracy, 40% recall, 40% F1-score.   Deployed as a web-based interface for real-time diagnosis support.

ScanGluco – AI & OCR-Based Diabetes Monitoring Application: Used Tesseract/EasyOCR for text extraction from scanned documents. Integrated a PyTorch classifier to categorize extracted outputs, simulating industrial document processing.

Web Development Projects: A responsive travel website developed using HTML, CSS, JavaScript, with live images and weather data using APIs. Hosted on GitHub Pages.

Certifications

• Python Programming – Infosys Springboard
• Edunet Foundation NEXT GEN Employability Program – Web Development
• Certified in Front-End Web Development by Edunet Foundation in collaboration with AICTE.
• Completed 30 hours of skill training on 3D Printing & Industry 4.0 by AMSI at APS College of Engineering.

Languages

• English (Fluent)
• Kannada (Fluent)
• Telugu (Fluent)
• Hindi (Fluent)