Joswin Shogi

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Professional Summary

Bachelor's student in Artificial Intelligence and Data Science with strong skills in Python, full-stack web development, and machine learning. Proven success in hackathons and internships delivering AI-powered applications. Open to relocate and contribute to innovative teams in Germany.

Education

St Joseph College Of Engineering and Technology, Palai 06/2021 – 05/2025
B.Tech in Artificial Intelligence and Data Science, CGPA: 8.71/10

St Peter's HSS, Elanji 06/2019 – 06/2021
Higher Secondary Education, Percentage: 97%

Skills

Programming: C, Java, Python, R
Web: HTML, CSS, JavaScript, Tailwind, TypeScript, React, Next.js
Databases: MySQL, PostgreSQL, Firebase
AI/ML: TensorFlow, OpenCV

Internship Experience

Verdant IT Solutions 2023
Artificial Intelligence and Machine Learning Intern

- Assisted in developing machine learning models for client applications.
- Supported data preprocessing and model evaluation to improve accuracy.

Jezt AI 2025
Artificial Intelligence Developer Intern

- I got oppertunity to deal challenges in real-world projects. I worked in Fine-Tuning, FaceRecognition, CNN, Neural Network, InsightFace.

Achievements

- First Prize – Hackathon "Drive.AI" IEEE ICET (2024).
- Third Prize – Hackathon "Filesphere.AI" Hackathena Jyothi Engineering College (2024).
- Completed Google Cloud Career Practitioner Pathway (2022).

Projects

Heart Attack Prediction Model(Mini project)

- Developed ML model (Logistic Regression) to predict heart attack risk.
- Built a web interface for patient monitoring (Python, Firebase).

Fine-Tuning Face Recognition on Low-Quality Images (Internship Project)

- Developed a face recognition pipeline optimized for low-resolution and poor-lighting images (e.g., CCTV), improving real-world usability.
- Preprocessed a large dataset (100k image pairs) by cleaning, splitting, and normalizing to support efficient training and evaluation.

Static Surveillance Engine Using SAM and LLaVA (Major Project)

- Designed and implemented an AI-powered surveillance system to automatically detect, segment, and describe objects and activities from static camera feeds.
- Demonstrated the system's ability to enhance situational awareness in static surveillance use-cases (e.g., CCTV, industrial monitoring).

Languages

English (C1), German (B1 – learning)