GOWTHAM B

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ABOUT ME

A passionate and dedicated individual with a proactive mindset and keen attention to detail. A fast learner in technology, adapting quickly to changing environments and possessing strong problem-solving skills

EXPERIENCE

Open Source Contributor — Pairwise Alpha Starter Kit (Jun 2025)
Developed a crypto trading strategy using anchor-target correlations and passed all evaluation checks.

EDUCATION

PES University, Bengaluru   Aug 2023-Present
B.Tech in Computer science Engineering(Distinction till current semester)
LIONS Composite PU College Kollegal, Karnataka   2023 | 91%(Distinction)

SKILLS

Python, Data Cleaning, Analytics, Statistical analysis, Data Visualization, Web Scraping, Machine Learning, deep learning, NLP, Computer vision
Python: NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-learn, Beautiful Soup , Tensorflow, pytorch, keras
Programming: Python, C
CS Fundamentals: Data structures and Algorithms
Mathematics: Statistics and Probabiliy, Linear Algebra and Calculus

CERTIFICATIONS & COURSES

British-Airways- Data science Job simulation-completed: June 2025
Deloitte-Australia- Data analytics virtual internship Job simulation: June 2025
Generative AI- Introduction and applications: April 2024
Generative AI- Prompt Engineering Basics: April 2024

PROJECTS

Conditional GAN for CIFAR-10
Built a CGAN to generate class-specific synthetic images from CIFAR-10 using custom generator/discriminator models; deployed via Streamlit.

Smart CCTV with Object Detection
Developed an automated CCTV system using fine-tuned MobileNetV2 to detect specific objects and trigger recording, reducing storage needs; achieved 91% test accuracy.

Breast Cancer Prediction App
Built a Flask web app using Logistic Regression (97.36% accuracy) to classify tumors as malignant/benign from diagnostic inputs; frontend with HTML/Bootstrap.

AI Video Summarizer
Created a tool using Google Gemini to generate context-aware summaries from long videos by analyzing visual and audio content.

ACHIVEMENTS

Participated in multiple hackathons including the Gen AI Exchange Hackathon and Azure MeetupHackathon, collaborating on real-world projects under time constraints.