GLENN MATHEWS

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PROFESSIONAL SUMMARY

B.Tech Computer Science student specializing in AI & ML with experience in software development, ML/DL model building, and Python-based solutions. Hands-on internship experience and active participation in hackathons. Passionate about continuous learning, problem-solving, and contributing to impactful projects.

SKILLS

Programming: Python, SQL
AI/ML: Scikit-Learn, PyTorch, NLP, RAG, CNN
Tools: GitHub, Linux, VS Code, Streamlit
Soft Skills: Problem-solving, Teamwork, Adaptability

WORK EXPERIENCE

- **AI Developer Intern** — Oct 2025 – Present
  SoftServedWeb, Kodungallur, Kerala

- **Software Engineering Intern** — Jun 2025 – Aug 2025
  4Labs Technologies, Thiruvananthapuram, Kerala
- Assisted in developing a Python-based web testing automation tool.
- Tested code and added modules to improve functionality and reliability.
- Gained hands-on exposure to the software development lifecycle and team collaboration in building real-world projects.

EDUCATION

- **BTECH in Computer Science with Artificial Intelligence and Machine Learning**   Jan 2022 – Present
  Sree Chitra Thirunal College of Engineering   *CGPA: 8.84*
- Pursuing Honours in Computer Vision.
- IEDC Sub-com Member (2024–2025).

PROJECTS

- **E.X.A.C.T** – A framework agnostic python library for implementing explainability techniques for user made models. In development.

- **pagebinder** – A web archiver written in python for firefox. Takes a url as input and generates a single pdf containing all connected webpages in discovery order with links kept clickable and visually consistent.

- **PyTorch Applications** – Actively upskilling in core ML and DL concepts using PyTorch by implementing hands-on projects.

- **RAG App (Apr 2025 – Jul 2025)** – Developed an application to retrieve structured information from uploaded documents using retrieval augmented generation through a chat interface. Features include local saves for responses and real-time processing display.

- **Conversational Companion (Jan 2024 – Apr 2025)** – Developed a virtual web-based avatar to converse with, implementing STT and TTS with RAG capabilities.

- **Classical Machine Learning Models (Jan 2024 – Present)** – Built ML models using Scikit-Learn, data handling with Pandas/NumPy, and visualization with Matplotlib/Plotly.

LANGUAGES

- English – Highly Proficient
- Malayalam – Native Speaker
- Hindi – Fluent