

# GRACE MARIYA

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## OBJECTIVE

A recent Computer Science graduate with strong skills in Python and C and a deep passion for AI ML. Successfully completed an internship, where I developed a Generative AI project, gaining hands-on experience in cutting-edge technologies. Interested in applying technical expertise, driving innovation, and growing within a forward-thinking organization.

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering** 2021 - 2025  
Sahrdaya College of Engineering and Technology, Kerala  
CGPA: **7.83**

## TECHNICAL SKILLS

**Programming:** Python, C, Data structures, OOPs  
**Web:** HTML, CSS  
**Database:** MySQL  
**Version Control:** Git  
**Soft Skills:** Problem-Solving, Communication, Collaboration, Adaptability

## EXPERIENCE

**Ai/ML Intern, Techxers Technologies Pvt Ltd.** Dec 2024 - March 2025

- Developed **Document Retrieval System** using **RAG pipelines, VectorDB, and LangChain transformers**.
- Fine-tuned **deep learning models** to improve response accuracy.

**Project Intern, Infosys Springboard** Oct 2024 - Dec 2024

- Backend development using **Django REST API** for an **Employee Payroll Management System**.
- Implemented efficient error-handling mechanisms and optimized API performance.
- Worked in a team-oriented environment ensuring system scalability.

## PROJECTS

**Skin Disease Identification Using CNN** Aug 2024 - April 2025

- Built **deep learning model** for **skin disease classification**, optimizing accuracy.
- Achieved **95.18% accuracy**, improving classification by **15%** through hyperparameter tuning.

**Student Performance Analysis and Prediction** Jan 2024 - May 2024

- Applied **ML techniques** to predict student outcomes and analyze performance trends.
- Implemented **data visualization** to enhance interpretability.

## CERTIFICATIONS AND ACHIEVEMENTS

- Microsoft Generative AI Badge:** Fundamentals of Generative AI (2025)
- Database Management System (NPTEL):** Top 5%, Silver Elite Badge (2024)

## ACTIVITIES AND VOLUNTEERING

**Volunteer, U&I Organization, Thrissur** 2024 - Present

- Enhanced **communication and leadership skills** through active participation.