AMITHA AJI

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PROFILE

An enthusiastic and motivated student pursuing a Bachelor's degree in Computer Science Engineering with a strong academic background and a passion for technology and software development. Seeking an internship opportunity to apply theoretical knowledge in a practical setting and gain valuable industry experience.

EDUCATION

2022-2026 **: Adi Shankara Institute of Engineering and Technology, Kalady**

B-Tech - Computer Science Engineering

2020-2022 **: M G M HSS, Kurupampady**

12th Board | State Board |Computer Science

2019-2020 **: Guardian Angel EMHSS, Mannoor**

10th Board | State Board

INTERNSHIP

Python | FaceIn Technologies

- Learnt python basics
- 20 day internship program 20th june 2024- 15th july 2024

PROJECTS

Footstep Power Generation

- Developed a renewable energy harvesting system that converts mechanical energy from footsteps into electrical power using piezoelectric technology
- Designed and implemented a complete hardware system with piezoelectric sensors, energy harvesting circuits, microcontroller integration (Arduino/ESP8266), and battery storage
- Created real-time monitoring dashboard that tracks energy generation, footstep count, and storage status

TECHNOLOGIES AND LANGUAGES

- C , Python

CERTIFICATIONS AND SKILLS

- Problem solving, analytic thinking
- Good communication skills