

# APARNA SANAL

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## PROFILE

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Motivated and detail focused ECE graduate with a strong passion for Python programming/development. Proficient in Python programming, basic web concepts, and problem-solving. Fast learner with an eagerness to develop an efficient solution to a problem. Interested in an entry-level position to gain experience working with a team while learning to become an excellent programmer.

## EXPERIENCE

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### Python Full Stack Intern - Luminar Technolab

*Kakkanad, Kerala*

- Implemented full stack web applications using Python, Django, HTML, CSS, Bootstrap, and JavaScript, designed according to MVT architecture.
- Added functionality for the backend such as CRUD operations, form processing, user authentication, and connectivity with MySQL databases.
- Worked on practical coding activities, consoling solutions and an exposure to practical development workflows

## PROJECTS

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### BiteUp – Food Delivery eCommerce Website

*01/2025 - Present*

- Developing a food delivery eCommerce platform using Python and Django (MVT architecture).
- Implementing core features such as user authentication, food category listing, cart, and order processing.
- Designing responsive UI using HTML, CSS, and Bootstrap for improved user experience.
- Managing database models and CRUD operations for food items, users, and orders.

### Accident and Alcohol Detection Using Smart Helmet

*12/2024 - 03/2025*

- A smart helmet for alcohol and accident detection is an innovative safety device designed to enhance the security of motorcyclists.
- It integrates advanced sensors and communication technologies to detect alcohol consumption and accidents, promoting responsible riding and ensuring quick responses during emergencies.

## EDUCATION

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### Cochin University Of Science and Technology

*10/2021 - 04/2025*

*BTech Electronics and Communication Engineering (GPA - 8.33)*

## SKILLS

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**Programming Languages:** C, Python, HTML, CSS, JavaScript (basic)

**IDE/Editors:** VS Code, Arduino IDE

**Database:** MySQL

**Hardware:** Arduino, Raspberry Pi (basic)

**Web Development:** HTML, CSS, basic JavaScript

**Frameworks:** Bootstrap, Django

**Soft Skills:** Adaptability, Fast Learner, Team Collaboration, Coachability

## ACHIEVEMENTS

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- Achieved HackerRank Golden Badge in Python through consistent performance in coding challenges.