

APARNA SANAL

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PROFILE

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

- 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 work-flows

PROJECTS

- 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

- Cochin University Of Science and Technology** *10/2021 - 04/2025*
BTech Electronics and Communication Engineering (GPA - 8.33)

SKILLS

- 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

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