

# APARNA MENON

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## OBJECTIVE

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Creative and ambitious Computer Science Engineering student seeking opportunities to leverage my technical knowledge and hands-on experience in C Programming and Python. I am keen to immerse myself and acquire more insights in an energetic and collaborative work environment that fosters continuous growth and development. I aim to contribute to the success of an organization by delivering innovative solutions and staying adaptable in the ever-evolving landscape of Software Engineering.

## EDUCATION

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### Bachelor of Technology in Computer Science and Engineering,

Vidya Academy of Science and Technology,

APJ Abdul Kalam Technological University.

CGPA:6.70 (till Semester 7)

Expected 2025

CBSE CLASS XII, 89%, Chinmaya Vidyalaya

2019 - 2021

CBSE CLASS X, 90%, Chinmaya Vidyalaya

2007 - 2019

## SKILLS

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### Technical Skills:

- Python Programming
- C Programming
- SQL Fundamentals
- Fundamentals of HTML and CSS

## LANGUAGES

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English, Hindi, Malayalam

## PROJECTS

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### ESTIMATING REAL-TIME TRAFFIC DENSITY AND CONTROLLING TRAFFIC

2024

- Optimized traffic signals using image processing and YOLO-based object detection for dynamic, real-time adjustments. Developed simulations to compare with static systems, reducing congestion and enhancing urban mobility.

### SMARTHIRE (Ongoing project)

2024

- This project is a smart recruitment tool being build using NLP, and other ML models,and deployed using Python Django framework.The project aims to streamline and automate every company's hiring process stage.

## WORKSHOPS

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- Attended NFT Workshop conducted by Computer Science and Engineering Department of Vidya Academy of Science and Technology on April 30,2022. (Resource Person(s):NFT Malayali)
- Successfully completed three day training workshop on Soft Skills 'mPOWER' conducted by Vertical Eye Coonor, Nilgiris, India.
- PCB designing workshop conducted by ReverTech IT Solutions.
- Workshop on Cyber Security And Ethical Hacking conducted by TechMagi and Tryst's IIT Delhi.

## CERTIFICATIONS/COURSES

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- 'Python 3.4.3', Spoken Tutorial Project, IIT Bombay.
- 'Data Structures and Algorithms', Infosys Springboard.
- 'Android app using Kotlin', Spoken Tutorial Project, IIT Bombay.
- 'The Complete Python Bootcamp' course offered through Udemy.
- 'Applied Generative AI Certification', 'Artificial Intelligence Foundation Certification', Infosys Springboard.
- 'Python Programming for Developing Competitive Coding Skills', offered by Manifold Institute of Technical Education.

## ACHIEVEMENTS

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### First Place, RITI 9.0, Tech Fest

2024

- Awarded first place in the "IT-RIX: Critical Thinking Event" organized by the Department of Computer Science, Vimala College, Thrissur.

## EXTRA-CURRICULAR ACTIVITIES

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- Active involvement in dance, art and literary activities.

## VOLUNTEERING

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- Member of IEEE for the academic year 2022-'23.
- Member of MuLearn.
- College Tech Fest

## REFERENCES

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### Dr Sunitha C

Head of the Department of CSE

Vidya Academy of Science and Technology.

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## DECLARATION

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I hereby declare that the above given information is true to the best of my knowledge.



Place: Thrissur

Date: 23rd May, 2024.