

Gowtham Amaladasu

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Technical Skills

- **Programming Languages:** *Python, HTML, CSS, and SQL.*
- **Technologies/Frameworks:** *AWS, GitHub, BootStrap.*

Soft Skills

- *Continuous Learning, Articulate Interaction, Problem-Solving, Resilience.*

Education

Aditya College of Engineering and Technology , Bachelor of Technology in Electronics and Communication Engineering.	2020–2024 CGPA:7.0/10
Narayana Junior College , Board of Intermediate Education in M.P.C.	2018–2020 CGPA:6.9/10
Sadhana high school , Board of Secondary Education.	2017–2018 CGPA:8.3/10

Projects

Wireless Sensor Networks Using PSO github link

- A project using MATLAB to increase the lifetime and efficiency of wireless sensor networks. Developed using Particle Swarm Optimization algorithm.
- Contributed for increasing the lifetime of nodes in the wireless sensor networks and selecting the efficient path for transmission of data.
- Used both single hop routing and multi hop routing methods for effective transmission of data according to the distance of the nodes.
- Tools Used: MatLab.

Personal portfolio github link

- Designed and developed a fully responsive personal portfolio using HTML and CSS, featuring a clean layout, intuitive navigation, and cross-device compatibility to ensure an optimal user experience on desktops, tablets, and mobiles.
- Highlighted professional skills, featured key projects with detailed descriptions, and integrated a contact form, providing a comprehensive overview of expertise and easy ways for potential clients or employers to connect.

Internships

Amazon Web Services: Successfully completed an internship on AWS cloud, gaining hands-on experience in cloud computing. Worked on different AWS services like EC2, S3, IAM, VPC and so on.

Embedded systems: Embedded systems are specialized computing devices designed for specific tasks within larger systems. They range from simple microcontrollers in everyday gadgets to complex systems in vehicles and industrial machinery.

These systems often use processors like microcontrollers, DSPs, ASICs, FPGAs, or GPUs, and operate with firmware stored in non-volatile memory. Embedded systems are integral to modern technology, handling both basic and advanced functions across various applications.

Achievements

Embedded Systems From APSSDC: Demonstrated expertise in Java programming with a proficiency score of 98, showcasing a strong understanding of basic programming concepts.

IT Specialist Certification: Python certification, emphasizing advanced skills and expertise in the language.

Coding Platforms: Excelled in Python and java, contributing to over 500 successful submissions across coding platforms like GeeksforGeeks, Leetcode, and Codechef.