Arvind Pawar

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RESUME SUMMARY

As an aspiring Electronics/Telecommunication engineer with a keen interest in sustainability and optimization, I have developed projects in satellite refueling and PAPR reduction in OFDM signals. My internship in Cyber Security honed my skills in penetration testing and automation. Looking to apply my diverse skill set in innovative tech solutions.

PERSONAL DETAILS

Current Location	Hyderabad
Date of birth	April 25, 2005
Gender	Male

EDUCATION

Graduation	B.Tech/B.E. (Electronics/Telecommunication) Anurag University, Hyderabad, Hyderabad
Class XII	Telangana with 86.8% in 2022
Class X	CBSE with 73% in 2020
Certification Course	AWS Architecture (December 2024 - Present) Data Analytics Job Simulation (May 2025 - Present) Introduction To Modern AI (November 2024 - Present) Python Essential 2 (May 2025 - Present) Product Management Job Simulation (November 2024 - Present)

INTERNSHIPS AND PROJECTS

Internships	**1stop.ai** (Duration February 2024 - March 2024) I completed a two-month internship in Cyber Security and Ethical Hacking at 1stop.ai with Threat Prism, where I developed tools for information gathering, network scanning, and web reconnaissance. This experience improved my skills in penetration testing, automation, and ethical hacking while deepening my understanding of cybersecurity practices and tools. Skills used - Information Gathering Techniques,Network Scanning and Port Analysis,Web Application Reconnaissance,Automation of Pentesting Tasks,Ethical Hacking Practices
Projects	**Satellite refueling in orbital** (Duration August 2024 - September 2024) A hybrid system to refuel LEO satellites in their orbit with the help of tanker satellites and on-orbit fuel storage units, this system enhances the lifespan of the satellites and a step towards sustainability by reducing space debris. **Minimizing The Peak-To-Average Power Ratio in OFDM Signal** (Duration November 2023 - December 2023) The project focused on mitigating the issue of Peak-to-Average Power Ratio (PAPR) in Orthogonal Frequency Division Multiplexing (OFDM) signals through the application of convex optimization techniques. Skills used - OFDM fundamentals,PAPR problem-solving,Convex optimization

SKILLS AND ACHIEVEMENTS

Skills	SQL,Python,Html/Css,Project Management,Embedded Systems,IoT Sensor
Language	English (Both), Hindi (Spoken)
Awards & Honor	I secured Second Place in a Poster Design Competition on the topic of Combinational Circuits, organized by the Department of ECE, Anurag University, on March 15, 2024. This achievement reflects my creativity, technical understanding of digital circuits, and effective communication skills in presenting complex engineering concepts visually.