

## PUSHADAPU PRATHYUSHA

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### CAREER OBJECTIVE

- Motivated and dedicated Electronics and Communication Engineering graduate seeking a challenging role in the Information Technology sector. Passionate about learning emerging technologies and contributing to organizational growth through continuous improvement, hard work, and determination.
- Eager to leverage strong analytical and problem-solving skills to develop innovative IT solutions, while actively enhancing technical expertise and collaborating effectively within dynamic team environments."

### INTERNSHIPS

- **IoT Using Arduino in Pan Tech:** Worked on developing real-time Internet of Things (IoT) applications using Arduino microcontrollers. Gained hands-on experience in sensor integration, data acquisition, and wireless communication using Wi-Fi modules like ESP8266. Designed and implemented smart systems such as home automation and environmental monitoring.
- **Ethical Hacking - Supraja Technologies:** Conducted vulnerability assessments and penetration testing to identify and address security weaknesses in client systems. Simulated cyber-attacks to evaluate the robustness of network defenses and application security. Collaborated with the IT team to recommend and implement effective security measures and best practices.
- **Embedded Systems with AI - T-Machines:** Worked on integrating artificial intelligence algorithms into embedded systems for T-Machines, focusing on enhancing the machines' autonomous decision-making capabilities. Responsibilities included designing and implementing real-time data processing modules, optimizing hardware-software interaction for efficient performance, and testing AI models within resource-constrained environments. Collaborated with cross-functional teams to improve system reliability and adapt AI functionalities to specific operational requirements.

## TECHNICAL SKILLS

Programming Languages	Python,C(Basics),Java(Basics)
Web Development	HTML, CSS, JavaScript
Database	MySQL
Tools & Platforms	Arduino IDE, Visual Studio Code, Git & GitHub
Operating Systems	Windows, Linux
Version Control	Git,GitHub
Others	Software Development Life Cycle (SDLC), Agile/Scrum methodologies

## CERTIFICATIONS&WORKSHOPS

- Android Application Development - Completed Workshop
- Mobile App Development Workshop - 3 Days
- IoT Technology Workshop - 5 Days
- Certificate in Ethical Hacking - Supraja Technologies

## STRENGTHS

- Quick learner and adaptable to new technologies
- Good communication and interpersonal skills
- Strong analytical and problem-solving abilities
- Team player with leadership qualities

## ACADEMIC QUALIFICATIONS

- Bachelor of Technology(B.Tech): I did my B.Tech in the Stream Of Electronics and Communication Engineering in Bapatla Women's Engineering College, Bapatla with the 78% Percentage.
- Higher Secondary (Intermediate): I did my Intermediate in the Stream of MPC in Sri Chaitanya Junior College, Repalle with the 84% Percentage.
- Senior Secondary (SSC): I completed my SSC in Bala Tesu English Medium High School, Nagaram with the 93% Percentage.

**DECLARATION**

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.