



PROFILE

I'm a pre-final year Electronics and Communication Engineering student at PES University, with a growing interest in software development. While my academic background is focused on hardware and security, I've been actively exploring programming, systems, and problem-solving outside the classroom. I'm not an expert in software yet, but I enjoy learning by doing — building small projects, debugging issues, and understanding how systems work. I'm currently looking for opportunities to gain hands-on experience in real-world software environments, grow my technical skills, and contribute to impactful teams.

CONTACT

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DUGGIREDDY HITESH PRANAV

Electronics and Communication
Engineering Undergraduate

EDUCATION

PES University

September 2023 – June 2027

Bachelor of Technology - BTech, Electrical, Electronics and Communications Engineering
CGPA as of 4th Semester being 8.41 and been awarded CNR Rao Scholarship

Sri Chaitanya Junior College

Passed 12th with 91.4%

Passed 10th with 83.2%

WORK EXPERIENCE

Center for Information Security, Forensics and Cyber Resilience

Research Intern June 2025 – July 2025

Research project titled "Automotive CAN Bus Intrusion Detection and Adaptive Firewall System Using Machine Learning."

Joy of Engineering Lab (JoEL)

Teaching Assistant August 2025 – Present

Currently working as teaching assistant for JoE Lab under Prof. Prajeesha Emmanuel

Core Member October 2024 – July 2025

Participated in successful conducting of the lab's annual hackathon "Hackezee 2024" and Roadshow 2025

GronIT

Logistics Domain Member October 2024 – Present

Participated in logistics domain for the club and its first hackathon "Genesys 2025"

PROJECTS & SKILLS

Password Manager Using Python

Developed a secure password manager using Python

Utilized tkinter for GUI and relevant Python modules for functionality

Programming Languages: Python, C

Tools & Technologies: Arduino, Raspberry Pi, Matlab