

JAYASHREE J.

Electronics and Communication Engineering Student

 91 7010505756

 jayashreejeyak@gmail.com

 www.linkedin.com/in/jayashreejeyakumarr0509

 Chennai, India

SUMMARY

I am a motivated electronics and communication engineering student with a strong academic record. I have hands-on experience in developing projects that enhance efficiency and security in technology. My participation in competitive hackathons has demonstrated my problem-solving and teamwork skills, and I am eager to apply my knowledge in a practical environment.

EDUCATION

Bachelors in Electronics and Communication Engineering
Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College

08/2022 05/2026 Chennai, India

Higher Secondary School
Velammal Vidhyashram Surapet

06/2020 03/2022 Chennai, India

Secondary School
Velammal Vidhyashram Surapet

06/2018 03/2020 Chennai, India

COURSES

NPTEL Courses

- PROGRAMMING IN JAVA 07/2023 10/2023
- SENSORS AND ACTUATORS 01/2024 04/2023

WORKSHOPS

- AIOT:When AI meets IOT & IOT with ROBOTICS
30/03/2023 31/03/2023
- Human Resource Skills Workshop
27/08/24
- PowerBI Workshop-Office Master
20/10/24

STRENGTHS

- Communication Skills**
Clear and effective communication in diverse teams.
- Teamwork**
Collaborative and goal-oriented teamwork.
- Problem-Solving**
Ability to devise quick, creative solutions to problems.
- Adaptability**
Ability to adapt flexibly to changing environments.
- Time Management**
Efficient management of tasks and deadlines.

KEY ACHIEVEMENTS

- Smart India Hackathon Achievement**
Top 7 in Internal Smart India Hackathon

SKILLS

HTML	CSS	C LANG	C++
Git	Python	Java	Microsoft Office
JAVA SCRIPT	EXCEL	CANVA	

LANGUAGES

- ENGLISH
- TAMIL

PROJECTS

College Placement System Using Python

📅 06/2023 12/2023

Created a college placement system using Python.

- Designed a Django-based platform to automate campus placements.
- Enabled students to apply and track job statuses.
- Facilitated admin management of recruitments and placement statistics.
- Reduced manual errors and improved process efficiency.

Energy-Aware and Trust-Based Secure Routing Protocol for Wireless Sensor Networks

📅 01/2024 05/2024

Developed an energy-aware and trust-based secure routing protocol.

- Developed a protocol for Wireless Sensor Networks (WSNs) enhancing energy efficiency and security.
- Implemented encryption and trust-based methods to counteract attacks like sinkholes.
- Verified protocol through NS2 simulations ensuring reliable and efficient network performance.

Development Of AI/ML Based Solution For Detection Of Face Swap Based Deep Fake Videos

📅 06/2024 11/2024

Developed an energy-efficient routing protocol to improve deepfake video detection accuracy.

- Developed an energy-efficient, secure protocol for deepfake detection.
- Applied CNN-based analysis with trust mechanisms for accuracy.
- Validated effectiveness through simulations on compressed video data.

CERTIFICATIONS

- PAPER PRESENTATION-INTERNAL SMART INDIA HACKATHON-
"AUTOMATED PUBLIC LIGHT"

📅 27/09/24

- PAPER PRESENTATION-AAVISHKAR 2024-"MUSCLE STRAIN
DETECTOR"

📅 14/03/24

- "TECH CAUCUS -2024"- SYMPOSIUM-SIMATS ENGINEERING

📅 12/09/24

- RESEARCH RELAY-VIVANTA'24

📅 04/10/2024 05/10/2024

- MedAlcon'24-HACKATHON-RAJALAKSHMI ENGINEERING

📅 28/09/24

- PAPER PRESENTATION-INTERNAL SMART INDIA HACKATHON-
"Development Of AI/ML Based Solution For Detection Of Face
Swap Based Deep Fake Videos"

📅 10/09/24