

# JEYA MITHRA K

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## PROFILE

Passionate and driven Computer Science (AI & ML) undergraduate with hands-on experience in event leadership, and a strong foundation in programming. Seeking opportunities to contribute technical skills and creativity.

## TECHNICAL & INTERPERSONAL SKILLS

- Intermediate in Java.
- Basic knowledge in HTML, CSS
- Proficient in using Canva, google docs and Microsoft 365 tools.
- Currently learning full stack development
- Effective Communication.
- Leadership and Management skills.
- Inclusiveness and Equality.
- Highly adaptable.
- Attention to detail.

## EDUCATION

### B.Tech-Computer Science Engineering (AI & ML) 2022 - Present

Kalasalingam Academy of Research and Education

- CGPA: **8.65** (out of 10) up to 6th semester

### Higher Secondary Education 2019-2020

Lions Matriculation Higher Secondary School - **73.83%**

### Secondary Education

Lions Matriculation Higher Secondary School - **88.4%** 2017-2018

## LEADERSHIP EXPERIENCE

### President of Nature Club KARE 2024-2025

- Led the club in organizing impactful events and campus-wide environmental initiatives.
- Key contributor to SPARKZ 2025, the university's largest cultural festival.
- Spearheaded FIESTA'24, the club's flagship event with record participation.

### Event Coordinator of Nature Club KARE

2023 - 2024

- Began club involvement in 2nd year and served as Event Coordinator, driving large-scale student engagement and environmental awareness initiatives.
- Organized major events including FIESTA'23, Dirt Delight'23 (Soil Day rally), Nature Walks ('23 & '24), Beatrix'24, and Cross Country Race'24.
- Promoted to President in 3rd year for exceptional leadership and contribution to the club's visibility and impact.

### Team Lead

- Led my team during IEEE RAS project expo in Euphoria'24, Project Expo in "EL FUTRIX'24" and many more.
- Overall head of SPARKZ'25

## PROJECTS

**1. Stress Monitoring Cap** : Developed an **EEG-EDA sensor-based cap** to detect stress levels in real time. Data pipeline built on Raspberry Pi → Cloud → App Backend. Real-time feedback system offering stress-specific content (funny videos, yoga).

**2. Fire & Weapon Detection Alert System** : Built with **YOLOv3**, OpenCV for real-time surveillance alert. Achieved **95% accuracy** on detecting threats, with automated SMS/email alerts.

**3. Multilingual Emotion Recognition in Text** : AI model to **detect emotions in multilingual datasets**, integrated with sentiment analysis.

## AWARDS AND CERTIFICATIONS

- **2nd Prize, IEEE RAS Project Expo, Euphoria'24** - Awarded 2nd place in the University's largest academic event for showcasing innovative projects.
- **2nd Prize, EL FUTRIX'24, BIT** - Secured 2nd place in an Inter-college event, competing against top institutions.

## LANGUAGES

- Tamil: Native proficiency
- English: Proficient in reading, writing, speaking and comprehension