



Venkatapathi K

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LinkedIn: Venkatapathi K

Electrical and Electronics Engineer passionate about robotics and image/video processing, with hands-on project experience.

Education

Sri Sairam Engineering college

09/21 - present

B.E - EEE - 7.17 CGPA

Maharishi Higher Secondary School

06/20 - 03/21

HSC - 83.43 %

Maharishi Higher Secondary School

06/18 - 03/19

SSLC - 76.6 %

Projects

Medibot

- Developed adaptable robotic platform for elderly and paralyzed individuals, enhancing sanitation and safety features
- Implemented integrated healthcare management system for emergency response, inpatient care, and patient surveys
- Introduced cutting-edge medical innovations to address rising healthcare needs
- Provided inclusive healthcare solutions focusing on safety and freedom
- Utilized laser Doppler technology for continuous patient monitoring
- Developed Medibotix, a UV radiation cleaning device for surface and air disinfection
- Designed activity support system using deep learning neural networks

Internship - 30 Days

- Evolve Robotics: Innovative robotics company in chennai Tamil Nadu creating affordable products for education and commercial use. Our training aims to inspire the next generation of innovators in robotics
- Junior Research Fellow in Evolve Robots

Certification

- NPTEL Computer Networks: Extensive training in computer networking principles, protocols, IP addressing, and routing algorithms
- NPTEL IoT Networks: Comprehensive training in Internet of Things networking principles, protocols, IP addressing, and routing algorithms
- INNOVATHON 2.0 (MEDIBOTS): Inter-college competition at Sri Sai Ram Engineering focusing on projects related to the 17 Sustainable Development Goals
- Advanced to finals in Sastra Delhi Campus hackathon
- Presented at Hackfest2024 in VIT Chennai Campus
- Achieved 1st prize at Hindustan technology of science hackathon

Volunteering

- NCC Cadet.
- Web Master in HNK Honor Society in IEEE.
- Vice Chairperson of IEEE Power & Energy Society at Sri Sairam Engineering College.
- Actively volunteered for multiple IEEE events during college tenure.
- Member of IEEE PELS, PES, and WIE.

Language Knows

- Tamil - Native Proficiency
- English - Professional Proficiency
- Hindi - Basic Proficiency

Key Skills

- Leadership
- Team Management
- Coder
- Web Developer
- Problem Solver
- Video

Interests

- Artificial Intelligence
- Robotics
- IoT
- Developer