

# Arya Sharan

Student

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📍 Bangalore, India

## PROFESSIONAL SUMMARY

3rd-Semester Electrical and Electronics Engineering (EEE) student passionate about Semiconductors, Data Structures and Embedded Systems. Combines a strong foundation in hardware engineering with hands-on project experience in microcontroller programming, sensor integration, and data structures. Demonstrated leadership through entrepreneurial ventures, active involvement in technical societies, and large-scale event operations.

## PROFESSIONAL EXPERIENCE

### Community Volunteer & Content Team Member

*Under 25 DSCE (Massive youth media network fostering campus communities)*

Facilitated on-ground logistics and attendee management for community events, ensuring seamless execution and high student participation. Ideated and produced engaging social media content for the student chapter, enhancing digital visibility and audience interaction.

09/2025 – Present

Bangalore

### Student Intern

*Nunam Technologies (Climate-tech startup repurposing second-life EV batteries)*

Contributed to the research and development of a Portable Charging Station prototype utilizing repurposed second-life lithium-ion batteries. Conducted hands-on cell testing, battery integration, and circuit evaluation to support sustainable energy storage solutions. Applied theoretical electrical engineering concepts to practical hardware testing, bridging the gap between academic coursework and real-world hardware deployment.

01/2026 – 02/2026

Bengaluru

### Technical Intern

*DESI Power (Independent rural power producer building decentralized renewable energy plants)*

Gained technical insights into the operation and deployment of Solar PV, Biomass Gasifiers, Biochar units, and irrigation pumps. Analyzed documentation over 20 hours to understand ground-level challenges of rural electrification and decentralized power generation.

09/2025 – 10/2025

Bihar

### Co-Owner & Marketing Head

*Lowwkey (Youth-focused, print-on-demand streetwear brand)*

Co-founded and launched a niche, print-on-demand clothing brand, overseeing all aspects of brand strategy, e-commerce supply chain, and business growth. Designed and executed targeted digital marketing campaigns, achieving an efficient Cost Per Mille (CPM) of ₹50.

09/2024 – 05/2025

Bangalore & Mumbai

## EDUCATION

### Bachelor of Engineering (B.E.), Electrical and Electronics Engineering

*Dayananda Sagar College of Engineering (DSCE)*

08/2028

Bangalore, India

### Senior Secondary School (Class 12), Mathematics & Computer Science

*DY Patil International School*

04/2023

Patna, India

### Class 10

*Bishop Cotton Boys' School*

04/2021

Bangalore, India

## TECHNICAL SKILLS

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### Hardware & Core Engineering

Arduino Digital & Analog Circuits, EV Technology & Drives, Solar PV, Biomass, PCB Design.

### Programming & Software

C/C++, Python, Data Structures (C++), MATLAB, AutoCAD, Deeds.

### Business & Interpersonal

Digital Marketing, Brand Strategy, Event Logistics, E-commerce, SEO, Sponsorship, Negotiation, Fluent in English & Hindi, Basic Kannada.

## PROJECTS & ACHIEVEMENTS

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### No Parking Event Operations

10/2025

*(Large-scale pop-culture & lifestyle event by peaks8) | Orion Mall, Bengaluru*

Acted as an on-ground volunteer for the large-scale No Parking event hosted by peaks8 at Orion Mall, managing venue logistics and crowd flow. Facilitated attendee operations and issue resolution to ensure a seamless, high-energy experience for event participants.

### Solar Powered Radio

08/2025

*(Sustainable analog electronics system)*

Designed and prototyped a functional solar-powered radio receiver, applying core principles of analog electronics and renewable energy. Engineered a power management circuit to efficiently charge the internal battery via solar panels, ensuring continuous operation. Conducted signal testing and circuit optimization to maximize reception clarity and power efficiency.

### Focus and Posture Bot

*(Hardware-based personal health assistant project)*

Engineered a hardware-based monitoring system using sensors and a microcontroller to track and correct user posture in real-time. Integrated hardware components to provide active feedback, applying core embedded systems principles.

### Vigi-Drive

*(Automotive safety prototype for driver drowsiness & vital monitoring)*

Developed a prototype during a college hackathon to monitor driver alertness and physiological vital signs. Combined hardware sensors with monitoring algorithms to design a proof-of-concept for automotive safety enhancement.

### IEDC Operations, DSCE

09/2024 – 09/2025

*(Innovation & Entrepreneurship Development Cell fostering campus startup culture)*

Actively contributed to the planning and execution of innovation and entrepreneurship events on campus, including the flagship E-Summit. Supported the project ideation process for student startups, helping to foster a vibrant startup culture within the college.

### PR Team Member, DSCE

09/2024 – Present

*(College public relations outreach and marketing campaigns)*

Develop and implement promotional strategies for major college events and student-led initiatives. Create impactful marketing campaigns that enhance student engagement, fostering key collaborations with internal and external partners to amplify event reach and success.

### ICISPES 2025 Conference Management, DSCE

*(International academic & industry conference on smart grids and green energy)*

Managed on-ground logistics, scheduling, and hospitality for international delegates and keynote speakers at the International Conference on Intelligent Systems in Power Engineering and Sustainability. Facilitated critical interactions between academic researchers and industry experts, ensuring the seamless execution of technical sessions.

### IEEE VTS Industrial Networking & Events, DSCE

11/2025 – Present

*(Vehicular Technology Society dedicated to EV and automotive engineering)*

Orchestrated industrial visits, technical workshops, and expert talk series to bridge the gap between theoretical curriculum and EV/automotive industry standards. Spearheaded corporate outreach strategies and successfully negotiated sponsorships for flagship hackathons to ensure financial sustainability.