

SAHANA D

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SUMMARY

To secure a challenging position in the field of Electrical and Electronics Engineering, utilizing my technical skills and knowledge to contribute to innovative projects, while continuously enhancing my expertise and contributing to organizational success.

INTERNSHIP

- Fundamentals of PLC & HMI (15 days internship at AltX, Coimbatore)
 - Embedded Based Products Development 2 weeks internship at TRIOX Technology, Coimbatore.
 - Pannel board wiring 6 month intership at Kriyatech (SCHNEIDER ELECTRIC)
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INDUSTRIAL VISITS

- Kaynes Technology, Mysore
 - Masco Tea Factory, Vagamon
 - CRI pumbs, Coimbatore
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PROJECTS

- **RF Based Vehicle speed control Accident prone zone areas** - The RF-based vehicle speed control system aimed at enhancing road safety in accident-prone zones by automatically regulating vehicle speed, thereby reducing the risk of accidents and promoting safer driving practices.
 - **Smart Voting system-** The smart voting system that leverages modern technologies to ensure transparency, accessibility, and accuracy in the voting process, while preventing fraud and safeguarding voter data.
 - **Smart Vission for visually impaired people using Gen AI-** An AI-powered assistive system that uses computer vision and generative AI to describe surroundings, read text, and recognize faces or objects for visually impaired users. It enhances independence by providing real-time audio feedback and contextual understanding through natural language.
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EDUCATION

- SNS COLLEGE OF TECHNOLOGY, COIMBATORE
BE.ELECTRICAL AND ELETRONICS ENGINEER (2022-2025)
CGPA - 7.5
 - GOVERNMENT POLYTECHNIC COLLEGE, COMBATORE(2020-2022)
DIPLOMA PERCENTAGE - 86%
 - GOVERNMENT ITI, COIMBATORE(2015-2017) - 72%
 - NACHIMUTHU GOUNDER RUKKUMANIAMMAL HIGHER SECONDARY SCHOOL, MAHALINGAPURAM
SSLC - 75.2%
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CERTIFICATIONS

- **TEJAS** : 2 days training program on power generation equipments.
- **Drone Technology** : 5 days training program.

ADDITIONAL ACHIEVEMENTS

- **Technical Skills:** MATLAB, Basics of AutoCAD.
- **Languages:** English, Tamil.
- **Interests:** Ms office, Troubleshooting of electrical devices, Circuit designing.