ASHWITH D

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SUMMARY

An Electronics and Communication Engineering Graduate passionate about leveraging technical skills in hardware and software domains. Eager to contribute to dynamic projects, with a keen interest in software development, AI, and embedded systems, while supporting organizational growth and advancing professionally.

SKILLS

- **Language** : Python, SQL,C,JavaScript
- **Tools** : Git, GitHub, VS Code,MATLAB, Cadence, Atmel Studio, LabVIEW, Arduino IDE
- **Technologies** : Circuit Simulation, Arduino, IoT, HTML, CSS, Django (Beginner), Oracle SQL

EDUCATION

B.E– Electronics & Communication Engineering *Mangalore Institute of Technology & Engineering*	2021-2025	CGPA:8.7
Senior Secondary(12th) *Jawahar Navodaya Vidyalaya, Mudipu*	2020-2021	Percentage:89.8%
Secondary School (10th) *Jawahar Navodaya Vidyalaya, Mudipu*	2018-2019	Percentage:87.6%

INTERNSHIPS

- **Project Intern | Central Manufacturing Technology Institute-**February to May 2025
  Worked on a project mainly focused on Machine Control and Automation using LabVIEW.
  Gained hands-on experience in LabVIEW, real-time control systems & industrial automation

- **Intern (Virtual) | Infosys Springboard-**Dec 2025–Present
  Currently enrolled in Infosys Springboard virtual internship.
  Working on guided learning modules and project-based tasks

PROJECTS

- **Portable ECG Monitoring System**
  Developed a compact, battery-powered ECG monitor.
  Displayed real-time ECG signal.

- **Advanced Control Strategy for Bidirectional Quasi Z Source Inverter in Low power EV application**
  Developed Model Predictive Control for Bi-Directional Quasi Z-Source Inverters in EVs.
  Improved battery management, power quality, and reliability

COURSES

- **Workshop On Analog Circuit Design & PCB Design: An Industry Perspective,** ISTE-MITE, 2023
- **The Joy of Computing Using Python,** NPTEL 2023.
- **Google Cybersecurity: Professional Certificate ,** Coursera, July 2024
- **AI/ML for Geodata Analysis,** IIRS-Dehradun, August 2024.