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# Umesh Choudhary

## Student

Bengaluru | Bengaluru, Karnataka 560-060

7019729167 |

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"A detail-oriented and motivated engineering student with a strong foundation in electronics, embedded systems and programming. Passionate in designing and implementing microcontroller-based systems, wireless communication and digital logic design."

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## CERTIFICATIONS

Cisco Python Essential 1 & 2

MATLAB Onramp Course

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## PROJECTS

### IOT BASED SMART IRRIGATION SYSTEM

This is an automated system that uses sensors and internet connectivity to monitor soil conditions and control water supply efficiently.

### DRIVE MODES IN EVs

Drive modes in EVs are selectable settings that adjust vehicle performance, efficiency, and handling to suit different driving conditions and preferences.

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## Education

### BACHELOR OF ELECTRONICS AND COMMUNICATION ENGINEERING

J S S Academy of Technical Education, Bengaluru 560060

*under Visvesvaraya Technological University, Belgaum (Graduating on APRIL 2026)*

- CGPA 7.7 (2<sup>nd</sup> year).

### Pre – University

Christ The King P. U. College, Channarayapattana (JUNE 2020 – MARCH 2022)

- Percentage – 89.8%.

### Secondary School Leaving Certificate

Radhakrishna Vidya Shale, Channarayapattana (APRIL 2019 – MARCH 2020)

- Percentage – 85.4%
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## Skills

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| <ul style="list-style-type: none"><li>• C, PYTHON, VERILOG (intermediate)</li><li>• VHDL (Basic), CMOS Logic Design</li><li>• Problem Solving</li><li>• Semiconductor Fundamentals</li></ul> | <ul style="list-style-type: none"><li>• Intermediate knowledge about electronics and data structure.</li><li>• Collaborative and adaptable in group in group projects.</li></ul> |
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