

# RUCHITHA P.S

## Electronics and Instrumentation Engineering

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## ABOUT ME

Enthusiastic Electronics and Instrumentation Engineering student passionate about sustainable solutions. Seeking opportunities to leverage skills in embedded systems, automation, and energy systems to drive impactful projects. Committed to contributing innovative, efficient, and environmentally friendly solutions while continuously growing professionally.

## EDUCATION

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August 2022 - June 2026	<b>JSSATEB, Bengaluru</b>
<b>Bachelor of Engineering</b>	Electronics and Instrumentation Engineering CGPA: 7.5
June 2021 - April 2022	<b>Sri Chaitanya techno school, Banglore</b>
<b>PUC</b>	Score: 78%
June 2019 - April 2020	<b>Sri Chaitanya PU college, Banglore</b>
<b>SSLC</b>	Score: 75%

## PROJECTS

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### CONVEYOR BELT

- A conveyor belt is a continuous moving band made of rubber, fabric, metal, or plastic that is used to transport materials or items from one place to another.
- It is a fundamental part of many manufacturing, packaging, and material handling systems.

### SOLAR PANEL

- A solar panel (also called a photovoltaic panel) is a device that converts sunlight into electricity using the photovoltaic effect.
- It's a key component in solar power systems used for homes, businesses, and large-scale energy production.

## SKILLS

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- **Embedded Systems:** Microcontroller programming, circuit design, hardware integration
  - **MATLAB:** Control systems modeling, simulations, data analysis
  - **LabVIEW:** Automation system design, control interfaces
  - **Python:** Data processing, machine learning, scripting
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## INTERESTS & ACTIVITIES

- **Volunteering:** Active in community initiatives and technology outreach programs
- **Strategy Gaming:** Enhances logical thinking and decision-making
- **Traveling:** Embracing diverse cultures and environments