

# JAYANTH PRATHAB S R

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## OBJECTIVE

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Aspiring Pre-Final Year Electronics and Communication Engineering student with a strong foundation in problem solving, Web Development and Embedded, IoT knowledge. Seeking to showcase and leverage my skills and innovation for contributing to projects and find solutions for real time problems.

## EDUCATION

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**High Schooling**, V School 2019-2020  
Percentage: 95

**Higher Secondary Schooling**, KSR Akshara Academy 2021 - 2022  
Percentage: 93

## SKILLS

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<b>Technical Skills</b>	Exceptional Problem Solving, Full Stack Web Development, Embedded and IoT
<b>Soft Skills</b>	Leadership Quality, Fine Communication in English, Tamil, Hindi and German
<b>Programming Languages</b>	Java, C, Python, HTML, CSS, JavaScript, Arduino, React, Node

## LEARNING PATH

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- 12 week NPTEL Certification on Competitive Programming, Introduction to IoT
- 6 week Course on Front End Development(Meta Certified), Networking Basics by Cisco
- 8 week NPTEL Course on Database Management System
- Ongoing 12 week MERN Stack Development Course on PrepInsta

## ACHIEVEMENTS

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- Finalist of **INNOTHON'24** software hackathon and worked on an AI integrated website that proves Sustainable Agriculture using AI.

## INTERNSHIP - EXPERIENCE

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**Full-stack Web Developer Intern** Jan 2024 - Mar 2024  
Skolar Chennai, Tamil Nadu

- Worked on projects of designing Interactive websites and led my team on the project of an "E-Commerce site for farmers" that avoids middle-men in trade and benefits the farmers and consumers

**IoT Intern** Jun 2024 - Jul 2024  
ReTech Solutions Chennai, Tamil Nadu

- Leader of my team in the project of a "Smart home" that operates automatically based on the operation of various sensors.

## PROJECTS

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**Coal Mining Safety System** Built an automated safety system with sensors like temperature, pressure, vibration, gas, etc that predicts the upcoming accidents in mines and provide a safe working environment to the miners.

**Dynamic Traffic Light Signal** A dynamically operating traffic light system that adjusts the time of red and green signals based on the live traffic conditions existing. This avoids delays, speedy transport of emergency vehicles and significantly reduces pollution.

**E-Commerce Website** An interactive, easily accessible and operable website for farmers to reach out and contact consumers directly to completely eradicate the middle-men system existing in trade, thus highly advantageous to farmers and consumers.