

# Raja Kalyanapu

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## EDUCATION

- 2018–2022    **SRMINSTITUTE OF SCIENCE AND TECHNOLOGY** | CGPA: 8.1/10.0    *Kattankulathur, India*  
Bachelor of Technology in Electricals and Communication Engineering.  
Relevant Courses: Digital Logic and Circuits, Analog Electronics, Microprocessor & Microcontroller, VLSI Design, Wireless Communications Computer Communication Networks, Radar and Navigational Aids, Pattern Recognition and Neural Networks.
- 2016–2018    **SRI CHAITANYA JUNIOR COLLEGE** | PERCENTAGE: 82%    *Khammam, India*  
Intermediate Education in Math, Physics and Chemistry.  
Board: State Board of Telangana | Relevant Courses: Statistics, Probability, Linear Algebra, Calculus, Permutations and Combinations, Geometry, Interpersonal Communication Skills, Soft skills, Communication Skills, Story Telling.
- 2015–2016    **SRI CHAINTANYA INTERNATIONAL SCHOOL** | CGPA: 9.0/10.0    *Khammam, India*  
Secondary School Certificate in.  
Board: State Board of Telangana | Relevant Courses: Mathematics, Algebra, Vectors and Scalars, Statistics, Probability, Formal Writing, General Science, Biology, Physics, Geometry, Interpersonal Communication Skills, Soft skills, Communication Skills.
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## INTERSHIPS

- Company:** HIGHRADIUS (June–July'21).    **Role:** Application Developer.
- I have worked on AI-Enabled FinTech B2B Invoice Management Application.
  - Coordinated and worked with developers of Machine Learning and Web Development departments.
  - Gathered, reviewed, analyzed, and applied data requirements effectively by creating algorithms based on Deep-dive Statistical Analysis & Predictive Data Modeling.
  - Accoladed and rewarded with best intern awards during the internship period for providing the accurate results and meeting the business requirements.
- Company:** BSNL (Bharat Sanchar Nigam Limited) (June–July'20).    **Role:** Telecommunication Intern.
- I have learned about how network services are working with different technology with different generations.
  - Moreover, how mobile network is working by receiving call from one person to another person.
  - They thought about how BSNL service is working with customer-to customer services etc.
- Company:** SOLARSECURE SOLUTIONS (May–July'21).    **Role:** Solar Panels Intern.
- Developed conceptual understanding about the working principles of solar panels, and the functionality of generating electricity from the sun.
  - Designed and installed customized Solar PV data acquisition systems including weather station.
  - Visited sites to measure roof dimensions, obstacle's location & performed shading analysis using Sol metric Sun Eye.

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## ENGINEERINGPROJECTS

**Title:** 7-Segment Display Counter.

**Role:** Team Leader.

**Description:** This project aims to displaying the single-digit Up counter using CD4026IC, Common Cathode Seven Segment Display, Resistor-1k, Push Button switch, Capacitor-10 Micro Farad & Bread Board.

**Title:** Automatic Water Level Controller.

**Role:** Team Leader.

**Description:** The Automatic water level controller ensures no overflows or dry running of pump there by saving electricity and water. Fully automatic, saves manpower. Consume very little energy, ideal for continuous operation. I used BC-547Transistor, 330-ohm Resistor, LEDS, Bread Board.

**Title:** Image Processing.

**Role:** Team Leader

**Description:** The main aim to remove Salt-and-pepper noise is a form of noise sometimes seen on images This noise can be caused by sharp and sudden disturbances in the image signal. I was used a SCILAB Software code to remove the Salt-and-pepper noise from images.

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## SKILLS

**Programming:** C, C++, HTML, CSS, JS, Python & MS-Office.

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## RELEVANTCOURSERACOURSES

- Internet of Things and Embedded Systems - University of California, Irvine.
- Embedded Systems Software and Development Environments – University of Colorado Boulder.
- Programming Foundations with Java Script, HTML and CSS-Duke University.
- AWS Cloud Practitioner Essentials –Amazon Web Services.

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## AWARDS&ACHIEVEMENTS/VOLUNTERPROGRAM

- Earned Capgemini Tech Challenge 2021 Certificate in the AWS skill category.
- Participated in Cloud Computing and Machine Learning Workshop by INFISPARK (Microsoft Education Partner Networks).
- Participated in Student Volunteer program in Aarush conducted by SRM UNIVERSITY in 2019.
- Participated in Student Volunteer program in NSS conducted by SRM UNIVERSITY in 2020.
- Earned Capgemini Tech Challenge 2021 Certificate in the Regional Challenge Skill Category.

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## Declaration

I do hereby solemnly declare that the above-mentioned information is true to the best of my knowledge.