

# Avinash Reddy Arutla

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## EDUCATION

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### B. V. Raju Institute of Technology

*B.Tech in Electronics & Communication Engineering*

CGPA (Until 2-1) : 8.79

Narsapur, TS

*Expected Graduation: June 2023*

### Sri Chaitanya Junior Kalasala

*Intermediate - PCM*

Marks : 875/1000

Hyderabad, TS

*Graduation: May 2019*

### Kennedy High the Global School

*Secondary School*

GPA : 9.4/10

Hyderabad, TS

*Graduation: May 2017*

## INTERSHIPS

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### Linux Automation Virtual Intern

*AICTE-EduSkills Virtual Internship Program*

- Enrolled under RedHat, for the System Administrator course (RH124 RH134)
- Working with Ansible to create automated pipelines for Hypervisors and Containers
- Working with Docker and Kubernetes for improved efficiency of my project.

Remote

*April 2022 - Ongoing*

### Data Scientist Industrial Training Program Intern

*DevTown*

- Selected as a scholar for this training program
- Currently working with BeautifulSoup, NumPy, Pandas for data extraction and processing.
- Working with various Kaggle datasets to generate better accuracies over previous outcomes.

Remote

*Jan 2022 - Ongoing*

### AWS Cloud Virtual Intern

*AICTE-EduSkills Virtual Internship Program*

- As part of this initiative, I was certified Cloud Foundations, Cloud Architecting from AWS Academy
- Learnt about DevOps, IAM, Microservices and various other Cloud Native tools
- Implemented a fully working RDS backed Dyanmic Website using Amazon EC2 in more than two availability zones with a bastion host as part of the Capstone Project.

Remote

*Nov 2021 - Dec 2021*

### Python Developer Intern

*Aapoon Inc*

- Understood the concept of Test Driven Development and learnt the usage of Python OOP concepts.
- Tested and understood how Flask was being implemented on the backend of the Homepage.
- Helped in improving the internal documentation of the android app.

Hyderabad, TS

*Feb 2021 - Apr 2021*

## OSS EXPERIENCE

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### GirlScript Winter of Contributing

*Backend Python OpenSource*

- Understood and implemented Image Processing using Python and Pull requested 7836
- Learnt and implemented frameworks such as Django, Flask from the GWOC repository

*Aug 2021 - Nov 2021*

## PROJECTS

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### **TODO CLI Python**

*Sept 2020*

- Used python as the backend for the project
- Application directly runs from the terminal
- Stores the data in a .txt file, used intelligent text parsing to get the output data

### **Vishnu Bot**

*Sept 2020*

- Made a telegram bot which can fetch the attendance from ecap.
- Used Javascript for backend , and MongoDB Atlas for storing the student database.
- Learnt the concept of using API's and parsing JSON

### **Automatic water level monitoring in paddy fields**

*July 2021*

- Using Arduino UNO, made a automatic water level monitoring system which used components liked Ultra-sonic sensors, Rain sensors, Power Amplifiers.

## TECHNOLOGIES

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- Languages (Proficient) - Python, C, HTML, CSS
- Languages (Familiar) - C++, Java, Javascript, Kotlin, MATLAB
- Lib/Frameworks - Bootstrap, NodeJS, Flask
- VCS - GIT
- Databases - MongoDB, Amazon RDS
- Cloud - AWS

## ADDITIONAL

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- Relevant Coursework: Introduction to Python, Introduction to HTML, Descriptive Statistics, Algorithms, Introduction to Machine Learning
- Core Team Member at Enlightening Lives, BVRIT
- Fluent in English, Hindi, Telugu