Avinash Reddy Arutla

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EDUCATION

B. V. Raju Institute of Technology   **Narsapur, TS**
B.Tech in Electronics & Communication Engineering   *Expected Graduation: June 2023*
CGPA (Until 3-1) : 8.70

Sri Chaitanya Junior Kalasala   **Hyderabad, TS**
Intermediate - PCM   *Graduation: May 2019*
Marks : 875/1000

Kennedy High the Global School   **Hyderabad, TS**
Secondary School   *Graduation: May 2017*
GPA : 9.4/10

INTERNSHIPS

Linux Automation Virtual Intern   **Remote**
AICTE-EduSkills Virtual Internship Program   *April 2022 - Ongoing*
- Working with RHEL to learn Linux administration tools
- Enrolled for RH124 and RH134 courses.

Data Scientist Industrial Training Program Intern   **Remote**
DevTown   *Jan 2022 - Ongoing*
- 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.

AWS Cloud Virtual Intern   **Remote**
AICTE-EduSkills Virtual Internship Program   *Nov 2021 - Dec 2021*
- 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.

Python Developer Intern   **Hyderabad, TS**
Aapoon Inc   *Feb 2021 - Apr 2021*
- 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.

OSS EXPERIENCE

GirlScript Winter of Contributing
Backend Python OpenSource   *Aug 2021 - Nov 2021*
- Understood and implemented Image Processing using Python and Pull requested 7836
- Learnt and implemented frameworks such as Django, Flask from the GWOC repository

TECHNICAL BLOGS

- **Getting started with GIT** - DEV.to

PROJECTS

TODO CLI Python   *Jan 2022*
- 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

Automatic water level monitoring in paddy fields   *July 2021*
- Using Arduino UNO, made a automatic water level monitoring system which used components liked Ultrasonic sensors, Rain sensors, Power Amplifiers.

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

TECHNOLOGIES

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

ADDITIONAL

- Relevant Coursework: Programming and Problem Solving using C, Introduction to Python, Telecommunication Systems and Computer Networks, Red Hat System Adminstration -1 (RH124), Red Hat System Adminstration -2 (RH134) (Ongoing), Distributed Systems (MIT 6.824 OCW) (Ongoing).
- Contributed to NimbleEdge, a Edge Computing Platform
- Core Team Member at Enlightening Lives, BVRIT
- Fluent in English, Hindi, Telugu