# C-DAC's Advanced Computing Training School
## Common Campus Placement Programme
### Resume

## Basic Information

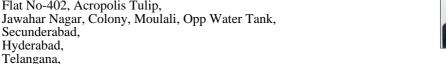| | | |
|---|---|---|
| Name | : | SIRIPURAM SUCHANDRA |
| Course | : | PG-DBDA,Aug24 |
| Address | : | Flat No-402, Acropolis Tulip, Jawahar Nagar, Colony, Moulali, Opp Water Tank, Secunderabad, Hyderabad, Telangana, 500040, Hyderabad, TELANGANA |

**CCPP ID** : Not Assigned

## Work Details

| Company Name | Designation | IT Related | From | To | Nature of Work |
|---|---|---|---|---|---|
| Wavelabs Technologies | Full Stack Intern | Yes | 09/01/2023 | 07/07/2023 | •Created a full-stack web application that automatically deploys Kubernetes Clusters in a virtual machine.<br><br>•The web application used HTML and CSS with JavaScript for Frontend Django for backend and PostgreSQL for the database.<br><br>•Developed an automated Kubernetes cluster deployment app for deploying Kubernetes clusters in a virtual machine infrastructure to decrease time-to-market from 6 weeks to 3 weeks enabling improved resource utilization and scaling for the production environment. |

## Academic Details

| Level | Stream | Institute | Board/University | Passing Year | Degree % | Division |
|---|---|---|---|---|---|---|
| MSc | Biological Sciences | Birla Institute of Technology & Science Pilani, Hyderabad Campus | Birla Institute of Technology and Science, Pilani , Rajasthan | 2023 | 66.7 % | I |
| BE | Civil | Birla Institute of Technology & Science Pilani, Hyderabad Campus | Birla Institute of Technology and Science, Pilani , Rajasthan | 2023 | 66.7 % | I |
| XII | PCM | Narayana Junior College | TSBIE | 2018 | 95.9 % | I |
| X | General | Dr. KKR's Gowtham Educational Institutions | CBSE | 2016 | 100 % | I |

## Academic Projects

| | | |
|---|---|---|
| Title | : | **Real-Time Market Data Forecasting** |
| Platform | : | Hybrid Programming |
| Description | : | An AI-powered system that processes and analyzes live-market data to deliver real-time forecasts, enabling informed decision-making and strategic planning in dynamic market environments. |
| Project Repository | : | https://github.com/Tnyme0506/Real-Time-Market-Data-Forecasting |

**Duration :** 2 Months

| | | |
|---|---|---|
| Title | : | **Machine Learning Enabled Leak Detection in Water Distribution Networks** |
| Platform | : | Python |
| Description | : | Designed and implemented a CNN-based predictive model to detect leaks in water distribution networks. Analyzed time-series sensor data to identify leakage patterns, ensuring early and accurate detection. Demonstrated expertise in applying advanced machine learning techniques to address infrastructure challenges, enhancing water conservation efforts. |
| Project Repository | : | https://github.com/Tnyme0506/Machine-Learning-Enabled-Leak-Detection-in-Water-Distribution-Networks |

**Duration :** 5 Months

## Other Information

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| **Technical Certification** | : | Google Advanced Data Analytics |
| **Extra Curricular** | : | Volunteer at University Technical Fest |
| **Hobbies** | : | Reading Books, Cricket |

## Personal Information

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|---|---|---|---|---|---|
| **Date of Birth** | : | 05/06/2001 | **Gender** | : | Male |
| **Nationality** | : | Indian | **Foreign Languages** | : | English |
| **Languages Known** | : | Telugu, Hindi | | | |

I hereby declare that the information given above is true to the best of my Information knowledge belief.

**Date** :             **Signature** :