Pavithra Nerella

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Career Objective:

To grow as an effective professional and drive the company in a manner which will help at contributing to the success of the organization by utilizing knowledge, experience, and potential with the application of ideas, as well as to help myself to strengthen my job competency and grow within the organization.

Educational Qualifications:

Course	Institution	University/Board	Year of Passing	CGPA
BTech (IT)	Vidya Jyothi Institute of Technology	JNTUH	2019-23	8.53**
Intermediate	Narayana Junior College	Intermediate Board	2017-19	9.86
SSC	Siddardha Vidyalayam	Secondary Board	2017	9.8

** Till 3rd Year 2nd Semester

Technical Skills:

Languages	:	Java, Python, SQL, C
Web Technologies	:	HTML 5, CSS3
Database	:	MySQL

Projects Undertaken:

Title: "Covid-19 Contact Tracing and Prediction Using Machine Learning**"**

Objective: The aim of the project is to find out the people who are made a contact with the Covid-19 infected patient to cut the chain of infection. We used Density-Based Spatial Clustering of Applications with Noise (DBSCAN) machine learning algorithm to deal with Contact Tracing problem.

Title: "Medical Insurance Premium Prediction"

Objective: "Predicting the charges for how much premium has to be paid by the person."

- We have used Multi Linear Regression and Random Forest Regression to predict the charges for how much premium has to be paid by person for the medical health insurance. While we are using the Multi Linear Regression we got the 80% accurate prediction. But when we use the Random Forest Regressor we got 88% accurate

prediction. So, the best model fit for the medical insurance premium is Random Forest Regressor.

Internship:
- Completed internship at YBI Foundation on 'Artificial Intelligence and Machine Learning in Healthcare domain'.

Training and Certification:

- Completed Cisco "**PCAP: Programming Essentials in Python"** certification
- Completed Cisco "**CLA: Programming Essentials in C**"
- Completed certification course in "**Introduction to HTML5"**

Achievements:
- Certificate of achievement for completion of "Build a Face Recognition Application "Using Python as part of AI-For-India Event by GUVI

Workshops/Webinars:

- Participated in "**SKILL RIDERS**" in Edu Skills.
- Anchored webinar on "**IEE Xplore**" organised by Vidya Jyothi Institute of Technology
- Attended 3 days workshop on "**Promote and spread the awareness on the significance & benefits of Yoga & Meditation**"
- Participated in workshop on "**Accelerating Engineering Skills to Challenge the COVID Crises Times**"

Personal Details:
- **Date of Birth** : 07 Dec 2001
- **Passport Status** : Active
- **Address** : H. No:2-17, Gandhi Centre,
  Gosaveedu, NTR Dist., Andhra Pradesh - 521403