



## MANIKANTA TEJA NELLURI

Course : **B.Tech**, Information Technology, 2024

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CGPA : 8.2

### ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	CHAITANYAJUNIOR COLLEGE	Andhra Pradesh Board of Intermediate Education (BIEAP)	978 MARKS	2020
CLASS X	KAKATIYA APOLLO ENGLISH MEDIUM SCHOOL	Andhra Pradesh Board of Secondary Education (BSEAP)	10 CGPA	2018

**Subjects / Electives** Data Science,Machine Learning

**Technical Proficiency** C Programming,Python3,SQL,Problem Solving,Java

### SUMMER INTERNSHIP / WORK EXPERIENCE

Internet of Things, Emertxe Information Technologies	Mar 2023 - May 2023
DATAANALYTICS, Amazon Web Services (AWS)	Dec 2022 - Feb 2023
Cloud computing, Amazon Web Services (AWS)	Aug 2022 - Nov 2022

### PROJECTS

#### Driver Drowsiness Detection System - Machine Learning

Dec 2022 - Present

Due to the increase in the amount of automobile in recent years, problems created by accidents have become more complex. The official investigation reports of traffic accidents point out those dangerous driving behaviours , such as drunk and drowsy driving, which have taken a high proportion among all the accidents. It is necessary to develop an appropriate driver drowsiness and alertness system that can directly improve the driving safety.

The drowsiness detection method uses Haar based cascade classifier for eye tracking and combination of Histogram of oriented gradient (HOG) features combined with Support Vector Machine (SVM) classifier for blink detection.

### VOLUNTEER EXPERIENCE

#### Internship Studio - Role: Campus Ambassador | Cause: Education

Mar 2022 - Apr 2022

worked as campus ambassador for internship studio by promoting their certifications courses on various technologies for the period of 26-03-2022 to 25-04-2022.

### LANGUAGES KNOWN

Telugu,English