# K.AJAY KUMAR REDDY

**Software Developer**

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## SKILLS

### PROGRAMMING

**Languages**
- Advance: **C++**
- Intermediate: **C, Python**
- Beginner: **Java, Javascript**

**Tools**
- **Git• GITHUB • Visual Studio Code**
- **Scikit-learn**

**Frameworks**
- **StreamLit**
- **BootStrap**

**Technologies**
- **Data Structures and Algorithms**
- **Machine Learning**
- **HTML • CSS**
- **SQL**
- **Numpy**
- **Pandas**
- **Matplotlib**

**OTHERS**
- Public Speaking
- Exploring new technologies

## EDUCATION

**B. E, CS&E**
Acharya Institute of Technology
2021-25 | Bengaluru
CGPA: **9.54**

**Intermediate, MPC**
Narayana IIT Academy
2019-21 | Hyderabad
Percentage: **96.8%**

**Schooling**
Sri Chaitanya Olympiad School
2016-2019 | Nandyal
CGPA :**9.8**

## LANGUAGES KNOWN

• English • Hindi • Telugu • Kannada

## LINKS

- Github:// **0304ajay**
- LinkedIn:// **0304ajay**
- LeetCode:// **Ajay34**
- Coding ninjas:// **AJAYREDDY**
- Kaggle://**ajay0304**

## Work Experience

### SyntHeim — Intern | July 2024 - Present

**Digital Human Chatbot Developer** — Nvidia Omniverse | Python | Google ApI's

- Developing a digital human chatbot with Nvidia Omniverse for realistice facial expressions and Integrating it with the Google API's.

## PROJECTS

### Churn Prediction for Telecom Industries — Python | Streamlit | Supervised ML

**Problem :** Many telecom industries are spending a lot of money to retain customers who are at risk of churning.
- Trained a Logistic Regression model on the provided training dataset.
- Utilized Streamlit to develop and integrate the user interface with the model.
- Link : churnPrediction

### Personalised Student DataBase — Streamlit | Python | SQL

**Problem** : Most of the Students Applying for Jobs or Internships are required to fill the detailed application, which often invloves significant time and effort in searching and entering personal information.
- StreamLit is utilized to develop the UI,and MySQL serves as the backend database.
- Link : Personal-database

### Drowsy Driver Detection — Convolution Neural Networks | Image Processing

**Problem:** There are many scenarios where the vehicle drivers might be drowsy due to which accidents might happen.
- Convolution Neural Networks are used to train the moddel.
- The Project aims to do real-time analysis.
- Link : Drowsy-driver-detection

## ACHIEVEMENTS

**Smart India Hackthon** : Advanced to Round 2 of the SIH

**Ranking in Semester Exam** : 1st Rank Twice in 2 semester Exams

## CERTIFICATIONS

**Programming in C** : By IIT Khargpur
**Modern  C++** : By IIT Khargpur
**Supervised ML** : By Standford Online
**DSA In C++** : By Udemy
**Git and Github** : By Google
**Python** : By University Of Michigan
**Intro to Javascript** : By Meta
**Intro to Front-End** : By Meta

## HOBBIES

- Reading Books
- Playing Games