

# Mannam Akhil

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## EDUCATION

### IIT DELHI

B.TECH IN ELECTRICAL ENGG.  
Aug 2020

### SRI CHAITANYA JR. COLLEGE

CLASS XII  
March 2016

### SRI CHAITANYA

CLASS X  
March 2014

## SKILLS

### PROGRAMMING

JavaScript(ES6)  
TypeScript  
C++  
Java  
HTML  
CSS  
SQL

### LIBRARIES

React  
Node.js  
Express

### PLATFORMS

Git  
Netlify  
Heroku  
AWS

### DATABASES

MongoDB  
MySQL

## COURSES

### UNDERGRADUATE

Data Structures and Algorithms  
Probability and Stochastic Pro.  
Calculus  
Algebra and Differential Equations  
Digital Electronics  
Computer Architecture  
Analog Electronics  
Control Theory  
Linear Systems Theory  
Optimal Control Theory  
Communication Engineering  
Digital Signal Processing

## SCHOLASTIC ACHIEVEMENTS

- **State Rank 293** in AP-EAMCET 2016, **State Rank 505** in TS-EAMCET 2016.
- **All India Rank 597** in JEE Main 2016 Paper 2.
- **Top 1%**, NSEP 2015-16 in state of Andhra Pradesh.

## PROJECTS

### URL SHORTENER | APR 2021

- Built a web app with React, Express, Node.js and MongoDB
- Implemented registration, login and a dashboard for displaying all the user generated URLs.
- Utilized **JSON Web Tokens** for authorization in the backend.

### VIDEO CONVERTER | APR 2021

- Built a Desktop App using Electron JS and Node.js .
- It can convert a .mp4 file to .m3u8 format, used for streaming on the web.
- Utilized **ffmpeg** multimedia framework for the conversion.

### QUIZ APP | MAR 2021

- Built a web app with React and **mockAPI**.
- Implemented functionalities namely creating a quiz, taking, editing and deleting a quiz.
- Developed it fully responsive for seamless experience.

### AIRBNB CLONE | APR 2021

- Built a web app with React, **Material-UI**
- Designed the search page, home page of Airbnb and connected them through React-Router
- Utilized a package called react-date-range for selecting dates effortlessly.

### GITHUB CLONE | MAR 2021

- Built a webpage to search for users and repositories
- Implemented using Github developer API.
- Utilized async and await to make it behave synchronously.