

# AKHIL SAXENA

## Student

📍 Jaipur, Rajasthan

📞 +91 77260 77019

@ saxena.akhil42@gmail.com

🌐 akhil-saxena

in akhil-saxena



## WORK & PROJECTS

### Associate Software Engineer

#### MAQ Software

📅 December 2021 - Present

📍 Mumbai, Maharashtra

- Leveraging Azure Cloud Services to analyse big data to generate insights for a Fortune 500 company.
- Engineered a Power BI report embedded with a power app to help in project management of a team of 50+.

### Full Stack Developer (Intern)

#### AMTDC, IIT Madras

📅 July 2020 - September 2020

📍 Chennai, Tamil Nadu

- Developed 'kite' platform and hosted it on an Apache Server
- 'kite' is a joint initiative by DHI, AMTDC and IIT Madras to build a knowledge sharing platform for industry and academia.

### React Dynamic Form

#### /React

📅 June 2021 - July 2021

📍 Jaipur, Rajasthan

- Created a CRUD application for a multi-page dynamic form with local storage as the back-end.

### Image Steganography

#### /C++

📅 August 2020 - November 2020

📍 Vellore, Tamil Nadu

- Implemented a custom steganography algorithm to encode images with data and decode them.
- Works by using the least significant bits for each pixel to store data without altering how the image looks.

### Result Generator

#### /JavaScript /HTML /CSS

📅 May 2020 - June 2020

📍 Jaipur, Rajasthan

- Built an application to parse excel sheets to generate individual report cards.
- Extracts student and teacher data to be displayed in a dynamic template which is then printed to a PDF file.

### Study Hours Optimizer

#### /Java

📅 December 2018 - March 2019

📍 Vellore, Tamil Nadu

- Designed an application to analyse course content and weightage to suggest the best approach for selective and focused study.

## SUMMARY

*A competent Python developer, exploring web development by uniting creative and technical skills to build dynamic web applications for real world scenarios.*

## SKILLS

Python SQL JavaScript Java  
HTML CSS NodeJS React  
Django Git NLP DSA

## EDUCATION

B.Tech (CSE)

8.45 CGPA (7 Semesters)

Vellore Institute of Technology

📅 2018 - Present

📍 Vellore, Tamil Nadu

XII

75.6%

St. Anselm's Pink City School

📅 2016 - 2017

📍 Jaipur, Rajasthan

X

8.8 CGPA

St. Anselm's Pink City School

📅 2014 - 2015

📍 Jaipur, Rajasthan

## ACHIEVEMENTS



### Together 2021 Bootcamp

Selected among top 50 teams (out of 17000) from India and bagged a special mention from the judges.



### CAMS (NASA-SETI) Lead

Spearheading the first CAMS (Cameras for AllSky Meteor Surveillance) observatory in India, in collaboration with IIT-M and IISER.



### Director of Events, SEDS-VIT

Led a team of 120 in conducting events and workshops with international participation to propel space sciences.



### NCC - Sergeant Rank

Received Sergeant Ranking for A-Certificate in Air Wing.