

AKHIL SAXENA

Student

📍 Jaipur, Rajasthan

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in akhil-saxena



WORK & PROJECTS

Intern - Full Stack Developer

/Django /JavaScript

📅 July 2020 – September 2020

📍 AMTDC, IIT Madras

- 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, India

- 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, India

- 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.

Language Translation

/Python

📅 December 2019 – March 2020

📍 Vellore, Tamil Nadu

- Engineered an application to translate sentences from one language to another. (English-Chinese)
- Utilised NLP techniques with LSTM to process data and optimise the translation algorithm.

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, honing skills in NLP.

SKILLS

Python C++ Java JavaScript
HTML CSS React Django Git
Natural Language Processing

EDUCATION

B.Tech (CSE) 8.45 CGPA (6 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.