AKHIL SAXENA

Student

📍 Jaipur, Rajasthan   📞 +91 77260 77019   @ saxena.akhil42@gmail.com   ◯ akhil-saxena   in akhil-saxena

WORK & PROJECTS

Associate Software Engineer (Intern)
MAQ Software

📅 December 2021 - Present   📍 Mumbai, Maharashtra

- Utilizing Azure services to analyse big data and help enhance the supply chain for a Fortune 500 company
- Engineered a Power BI report embedded with a power app to help in project management of a team of 30+

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, honing skills in NLP.

SKILLS

Python   C++   Java   JavaScript
HTML   CSS   NodeJS   SQL
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 Survelliance) 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.