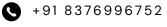


# AKASH ROUT

CSE UNDERGRAD







https://iamakashrout.github.io/portfolio.github.io/

in https://in.linkedin.com/in/akashrout-82a38622a



https://github.com/iamakashrout

### PROFILE

An ambitious undergraduate, always looking forward to learn new technologies and skills. Love working in diverse teams and contributing towards making the world better. Relish new challenges and solving problems.

### TECHNICAL SKILLS

- C++ and Python Programming, Data Structures and Algorithms, Competitive Programming
- Web Development: HTML, CSS, Bootstrap, JavaScript, EJS, Node.js, Express.js, MongoDB, React (Basic)
- Machine Learning: Numpy, Pandas, Scikit-learn, Regression, Classification and Clustering Algorithms

## SOFT SKILLS

• Leadership and Teamwork

- · Public Speaking
- Content Writing
- Time Management

#### **EDUCATION**

COURSE	INSTITUTE	YEAR	GRADE
Bachelor of Technology	Punjab Engineering College, Chandigarh	2021- 2025	CGPA: 9.88
Class XII	CL DAV Public School, Panchkula	2021	Percentage: 95.6%
Class X	CL DAV Public School, Panchkula	2019	Percentage: 98.2%

## **PROJECTS**

## REAL TIME CHAT APPLICATION

React, Node.js, Express.js, MongoDB, Socket.lO

- Enabled real time private and group messaging, created features to create groups and add/remove members
- Built secure sign-up and login system and encrypted passwords using hashing and salting

#### FILE UPLOAD/DOWNLOAD SYSTEM

Multer, Node.js, Express.js, MongoDB

- Feature to upload files to online database, list of uploaded files displayed on the home page with download option
- Built download function to save any file on the online database to local device storage

## TO-DO LIST

MongoDB, Node.js, Express.js, HTML, CSS

- Designed functionality to add/delete items from a dynamic to-do list with auto-update in the database
- Used MongoDB Atlas for database of items in list and deployed the application on Render

## LIVE WEATHER APPLICATION

Node.js, Express.js, API, HTML, CSS, Bootstrap

- Developed an application with simple user interface which shows detailed weather data of any city in the world
- Fetched weather data from OpenWeather API and made the application mobile device friendly

#### **POSITIONS**

**Executive Body, SAASC PEC** 

- Member of core executive body of speaker's club of PEC and responsible its day to day functioning and operations
- Organized events like TRIVIUM and PEC-MUN and participated in multiple quizzes, debates, MUNs and news writing

#### Implementation Body, ACM-CSS PEC

- Part of core implementation body of coding society of PEC and in charge of planning and organizing events
- Conducted sessions such as Post Contest Discussions and participated in multiple coding contests and hackathons

## <u> ACHIEVEMENTS & CERTIFICATIONS</u>

EXCELLENCE IN DATA STRUCTURES, CODING NINJAS 2023 COMPLETE WEB DEVELOPMENT BOOTCAMP, UDEMY RATED 3-STAR ON CODECHEF

(detailed course of Data Structures and Algorithms in C++) (learnt JavaScript, Node.js, Express.js, MongoDB, React) (regular participation on global coding contests)

(solved programming problems on a daily basis)

JEE MAIN 2021, 99.73 PERCENTILE

SOLVED 500+ PROBLEMS ON LEETCODE

(AIR 3078 among more than 1 million candidates across the country over 4 sessions) (among more than 250,000 eligible candidates across entire India)

JEE ADVANCED 2021, AIR 4218