

# Akshat Rawat

Seeking a position to apply the knowledge that I have learned and explore the skills, abilities required to excel in my field.

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 [github.com/akshat-rawat/](https://github.com/akshat-rawat/)

## WORK EXPERIENCE

### Teaching Assistant — Coding Ninjas

APRIL 2021 - Present

Advised students on how to approach a question and monitored their performances.

Solved doubts on various Data Structure and Algorithms problems.

### Backend Developer — SRM CDATS

MARCH 2021 - APRIL 2021

Collaborated with CDATS team in making the University's Chemistry department website.

Implemented **SQL** and **PHP** for adding new instruments both in database and in web pages, and updating admin privileges.

## PROJECTS

### Avian ([github link](#))

Airline Booking Management System that eases the flight booking experience.

The website is built on **Node.js**, **Express.js** in backend with **EJS** in frontend.

For the styles and functionality **Bootstrap** and **jQuery** were used. Implemented **MongoDB** and **Mongoose** for data storage.

### Sudoku Solving Web App ([github link](#))

Web App made on **ReactJS** which uses **Backtracking Algorithm** to solve Sudoku.

### 2048

2048 game built using **Tkinter** Library in Python, with integrated AI based on **MCTS Algorithm** which solves the game with just a button click.

## SKILLS

### LANGUAGES

Python ★★★★★

JavaScript ★★★★★

HTML/CSS ★★★★★

C++ ★★★★★

### TOOLS and LIBRARIES

ReactJS, Node.js, Bootstrap, jQuery, Material-UI, Express.js, REST, Git, GitHub

### DATABASE

MySQL, MongoDB, Mongoose

## CERTIFICATES

### Data Structures & Algorithms in

Python - Dynamic Programming, OOPS, Trees, Backtracking, Graphs.

### Deep Learning Specialization -

Tensorflow, Convolutional Neural Network, Artificial Neural Network.

## EDUCATION

### **B. Tech in CSE (Cyber Security)**

**SRMIST, KTR**

JULY 2019 - Present

### **High School Diploma**

**Father Agnel School, NOIDA**

April 2005 - March 2019