

# RITEK SAXENA

Web Developer  
Python Programmer  
ML/DL Enthusiast

## PROFILE

## CONTACT

Being a self-motivated student and a fast learner, I have managed to maintain an overall college CGPA of 8.0 in my EE graduation from IIT Ropar, while following my passion for computer science. I am a passionate Web Developer and an excellent problem solver. Over the past 2 years of my graduation, I have worked in several teams spending my time in making interesting projects and learning new technologies.

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<https://github.com/RitekSaxena>

## EXPERIENCE

## SKILLS

### Web development Head @ Zeitgeist, IIT Ropar

Apr. 2021 – May 2021

As the web development head at the annual festival of IIT Ropar, Zeitgeist, I developed and managed the official website of the festival.

**Field Knowledge:** Web Development, Python Programming, Machine Learning

**Languages:** Python, JavaScript, C++, C, Html

### Python Programmer Intern under Prof. Dr. Shreyas Iyengar

Jan. 2021 – Present\*

As an intern under prof. Dr. Shreyas Iyengar, A professor in the CSE department at IIT Ropar, I am working on a python library that can parse and analyse the Wikipedia Talk Pages and full revision histories.

**Tools & Technologies:** React.js, Electron.js, Deep Learning, Neural Networks, Django, Firebase, CSS.

**Interests:** Robotics, Network Systems

### Coordinator @ Softcom, IIT Ropar

Dec. 2020 – Present\*

As a coordinator at the software community of IIT Ropar, I take sessions on web development and Python programming from time to time.

## EDUCATION

### Undergraduate @ IIT, Ropar

2019-2023\*

B.Tech. Electrical Engineering

1. **A file storing database system (Can manage a series of folders and files):** React, Firebase, FireStore, Bootstrap  
(<https://auth-development-4aef3.web.app/>)
2. **Flappy Bird Playing A.I:** NEAT Algorithm, Python
3. **Real Time Chat room:** React, Firebase, Firestore, Material UI  
(<https://chatroom-b62a8.web.app/>)
4. **Desktop Assistant:** Electron.js, Python
5. **School Database System:** C language
6. **Self-Learning Game Car:** Python (Q-learning)
7. **Tutorial Website:** Django, JavaScript, Html, CSS, Bootstrap
8. **Cards Game:** Html, CSS, JavaScript

1. **Problem Solving: Hackerrank (Gold badge 6 stars, College rank - 12)**
2. **Neural Networks and Deep Learning by Andrew NG**  
(<https://www.coursera.org/account/accomplishments/certificate/3DRCTZN62LZZ>)
3. **Improving Deep Neural Networks by Andrew NG**  
(<https://www.coursera.org/account/accomplishments/certificate/XZMMV2MRR6CM>)
4. **Structuring Machine Learning Projects by Andrew NG**  
(<https://www.coursera.org/account/accomplishments/certificate/WMMB2GLYK5XE>)
5. **The Complete JavaScript Course by Jonas Schmedtmann @Udemy**  
(<https://www.udemy.com/course/the-complete-javascript-course>)
6. **Django 2.2 & Python by Nick Walter @Udemy**  
(<https://www.udemy.com/course/the-ultimate-beginners-guide-to-django-django-2-python-web-dev-website>)