

# Suraj chauhan

[surajssc1232@gmail.com](mailto:surajssc1232@gmail.com) | +91-8923279558 | Mathura,UP | [Portfolio /GitHub link](#)

---

## Projects

---

### AST RuleEngine

Sep 2024-Oct-24

*Java - SpringBoot - Maven - html - javascript*

- Architected and implemented a Spring Boot back-end using Java 17, Maven, Spring Data JPA and an in-memory H2 database.
- Designed and developed RESTful endpoints with custom JSON serialization (Jackson) and encapsulated core business logic in a service layer.
- Built a static frontend using HTML, CSS and JavaScript, and ensured quality with automated unit tests (JUnit 5, Mockito).
- My role: end-to-end design and implementation of data models, service layer, controllers, UI integration, and test suite.

### RoyalAi

*Python - Flask - Requests - Html*

- Developed Royal Grok AI Chat using Flask, Cohere API, and JavaScript to provide a royal-themed chat interface with AI-generated responses.
- Employed a modular development approach for the Royal Grok AI Chat, benefiting from improved code maintainability and feature scalability.
- Software Engineer: Implemented a secure authentication system and a real-time chat interface, resulting in a functional and engaging user experience.

### InstaDownloader

Nov 24-Jan-25

*Javascript-Axios-Commander*

- Developed a command-line tool using Node.js and the Commander library to facilitate the downloading of Instagram videos, enhancing user experience through a streamlined interface.
- Implemented asynchronous HTTP requests with Axios to interact with the Instagram Looter 2 API, retrieving video URLs and managing file downloads efficiently.
- Employed core Node.js modules, including fs, path, and os, to manage file system operations, construct file paths, and ensure cross-platform compatibility for downloaded videos.

### Xeeter

Oct 24-Nov 24

*Python - argparse*

- The "Tweet CLI Tool" is a Python-based command-line interface leveraging the Tweepy library to interact with the Twitter API v2 for posting tweets.
- The project utilizes setuptools for packaging and distribution, argparse for command-line argument parsing, and incorporates environment variables for secure API key management.

## EDUCATION

---

### GLBajaj Group Of Institutions

Sep 2021 - Aug 2025

*AKTU*

*Mathura,UP*

- B.Tech Computer Science - 70%

### Kendriya Vidyalaya

2019 - 2021

- 12th grade - 78 %
- 10th grade - 86 %

## CERTIFICATIONS, SKILLS & INTERESTS

---

- **Certifications:** Java Udemy Beginner to Master
- **Technologies:** Java, Javascript,Python,Springboot,Docker
- **Interests :** *Cinephile, Movies, Coding, Letterboxd*