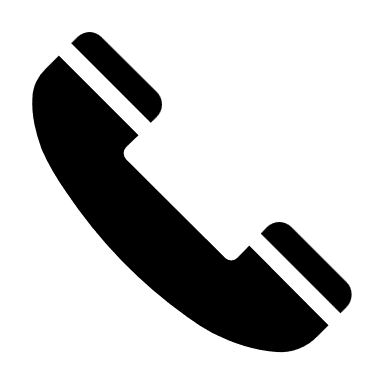
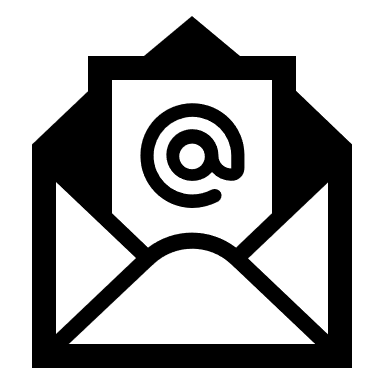
**ASHU SAXENA**

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 <https://github.com/Saxena-Ashu>

SOFTWARE ENGINEER

**SKILLS**

**Programming Languages:** C, Java DSA, Python

## **Technical:** Web Design, AI, ML, Data Analysis, React, Front-End, Back-End

## **Web Design:** HTML, JavaScript, CSS, Express JS, NodeJS, ReactJS, Git & GitHub,

## **Databases:** SQL, MongoDB, Microsoft Power BI

## **Soft Skills:** Teamwork, Problem-Solving, Leadership, Communication Skills

**EDUCATION**

**Web Design Mentorship**

Apna College (Oct 2024 - present)

**B.Tech. Computer Science Engineering** |

SRMS College of Engineering Technology & Research CGPA: 7.54| (2022 - 2026)

**EXPERIENCE**

## **TECHVYOM Web Design** (April 2025*)*

## TECHVYOM website designed complete Front-End, Back-End & Database creation and management.

## Platform utilized by SRMS College for registration and data management of more than 643 individual registration and 480+ teams across 10+ colleges and used by judgement committee for verification.

## Awarded Certificate of Appreciation by SRMS College of Engineering and Technology.

## **Key Skills:** HTML, CSS, JavaScript, Express.js, Node.js, SQL

## **AI: Transformative Learning with TechSaksham ` `** (Feb 2025 – March 2025*)*

## Developed AI Based Resume Screening application, utilizing Logistic Regression, text extraction, NLP, Fuzzy String Matching, Heuristic Keywords matching and OCR (for image-based resume)

## Tested the app with more than 20 resumes, it incorporated a friendly and fast-paced interface for the recruiter to scrutinize the resume.

## **Key Skills:** NLP (Natural Language Processing), Machine Learning, HTML, CSS, JavaScript, Flask, Python

**PROJECTS**

## **POWER BI INFLATION ANALYSIS** (March 2025 – April 2025*)*

## Attended Power BI Workshop by IBM EDUNET, analysis of Inflation trend across various countries.

## **Key Skills:** Power BI , Data Analytics

## **SPOTIFY WEB PLAYER CLONE** (June 2024)

## Seamless songs playing without any interruption of ads.

## **Key Skills:** HTML, CSS, JavaScript

**PATENT**

## **AERIAL THREAT DETECTION AND CROWD DISPERSION SYSTEM USING DEEP LEARNING**

## **Published Date: 02/Feb/2025**

**Application Number: 202511009932**

## Flask-based AI system for simulating and visualizing aerial threat detection, uses geolocation, threat classification logic, and dynamic mapping to help identify potential risk zones in real time.