

Akshat Shukla

Aspiring software engineer

Aspiring AI/ML engineer and website developer with a foundation in C++/Python. Passionate about building intelligence and interactive applications through machine learning and web technologies.



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3rd, Lucknow, India

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science & Engineering VIT Bhopal University , Bhopal

09/2023 - Present

GPA : 8.74

Courses

- Website Development
- Machine Learning
- Data Structures and Algorithms
- DBMS and OS

High School and 10+2/Higher Secondary City Montessori School , Lucknow

04/2009 - 04/2022

Grades : 92 % ~ High School
Grades : 88% ~ 10+2

Courses

- PCM(Physics , Chemistry ,
Mathematics with
Computer Science)

WORK EXPERIENCE

Core Member of Technical Team Software Development Club , VITB

02/2025 - Present

Bhopal , Madhya Pradesh

A student-driven club focused on software development, coding competitions, and technical projects to enhance skills in web development, AI, and open-source contributions.

Achievements/Tasks

- Organized an event named " Code and Chords " which was an event where participants can play as individuals and teams where students were required to solve quick challenges , enhance code snippets and debug codes to win cash prizes and goodies.

Member

AI Club , VITB

09/2004 - Present

Bhopal , Madhya Pradesh

A student-driven community dedicated to exploring Artificial Intelligence, Machine Learning, and Deep Learning. The club fosters innovation through hands-on projects, workshops, hackathons, and research discussions.

Achievements/Tasks

- Learned about AI/ML frameworks including Numpy , Pandas , Matplotlib , Sea-born and Pytorch , also learned the concept how recommendation systems work using cosine-similarity and TD-IDF algorithms

Captain , Primary Division City Montessori School

07/2014 - 04/2015

Lucknow , Uttar Pradesh

Achievements/Tasks

- Played the role of captain where I learned leadership skills and gained experience about working in team

SKILLS

Frontend Development(HTML , CSS , JS , React.js)

C++/C Language

Python and its frameworks

Data Structures and Algorithms

DBMS and OS

PERSONAL PROJECTS

VITB Nexis ~ New 'News' (10/2024 - 11/2024)

- A News aggregator website curated for college , a platform where all tech and non - tech related news will be displayed according to different sections and added a recommendation system using machine learning algorithm cosine-similarity and TD- IDF so that users get recommendation related to same section that they have visiting.

Defense News Whatsapp agent(05/2025 - 06/2025)

- This is an automated Python agent that fetches the latest defense news from Google News RSS, summarizes the articles using the Gemini AI API, and automatically sends the summaries to a specified WhatsApp number. It uses pywhatkit for WhatsApp integration and pyautogui to automate the sending process, requiring no manual intervention.

Video Summarizer agent (05/25-06/25)

- This project is an AI video summarizer built with Phidata, Streamlit, and Gemini. It creates concise summaries from uploaded videos and uses the DuckDuckGo Search API to fetch additional context. The tool features a user-friendly interface and a modular agent architecture for future expansion. Next steps include adding YouTube integration, transcript parsing, and multi-language support.

CERTIFICATES

Certificate of participation : Flipkart Hackathon
(08/2024 - Present)

Gen AI Using IBM WatsonX (06/25-Present)

LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Fitness and Gym

Reading Research papers

Playing Cricket