# Akshay Chaturvedi

Bachelor of Technology Computer Science Engineering - Data Science Gyan Ganga Institute of Technology and Sciences, Jabalpur

+91 - 8770787056akshaych064@gmail.com Github | Website linkedin.com/in/akshaych064

#### EDUCATION

Degree	${\bf Institute/Board}$	CGPA/Percentage	Year
B.Tech.	Gyan Ganga Institute of Technology and Sciences, Jabalpur	8.70 (Current)	2020-24
Senior Secondary	CBSE Board	83.2%	2020
Secondary	CBSE Board	82.4%	2018

## EXPERIENCE

GeeksforGeeks

Jan 2021 - Present

Mentor / Content Creator

Remote

- Developed and delivered engaging video tutorials on web development technologies like ReactJS, SQL, and JavaScript, as well as machine learning and data science; fostered a community of 20K+ subscribers and received 80% positive feedback on content quality and clarity.
- Created premium courses for GeeksforGeeks.org.
- Provided mentorship and guidance to students, enhancing their understanding and skills.

#### Projects

• Placement Assisstant

Mar 2024

Developed an advanced chatbot to streamline student placement queries, providing personalized assistance.

- Tools & technologies used: NextJs/ReactJS, NodeJS, Tailwind/CSS, Gemini API
- Leveraged MongoDB for efficient data management and Gemini API for seamless interactions.

### Automated Irrigation System with Live Monitoring

Aug 2022

Created a real-time monitored irrigation system using web technologies and machine learning

- Tools & technologies used: HTML, CSS, JavaScript, Flask, Firebase, Python (Scikit-Learn, Pandas), NodeMCU, DHT sensor, Soil Moisture sensor
- Integrated NodeMCU with DHT and soil moisture sensors to collect real-time environmental data, enhancing irrigation efficiency and sustainability.

# KEY COURSES TAKEN

• Data Structure, Algorithms, OOPS, DBMS, Machine Learning, Operating System

# TECHNICAL SKILLS

- **Programming:** C++, Python, JavaScript, SQL
- Tools & OS: Git, Jupyter Notebook, Google Colab, Windows
- Libraries/Frameworks: Pandas, Numpy, scikit-learn
- Web Skills: HTML/CSS/JS, ReactJS/NextJS, MongoDB, Firebase, Tailwind CSS

# Positions of Responsibility

• Cofounder, Coders Hub Club, GGITS Jabal	pur
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Present

• Head Graphic Designer, GeeksforGeeks Student Chapter, GGITS Jabalpur

Apr 2021 - Apr 2022

# ACHIEVEMENTS

• Secured 388 Rank in Round 2 of TCS Codevita Season 11

Mar 2024

CERTIFICATIONS	
• Exploratory Data Analysis for Machine Learning (IBM Coursera)	$Aug\ 2022$
• Data Analytics (AWS Academy)	Feb 2023
• Cloud Foundations (AWS Academy)	Feb 2023
• Machine Learning Foundation (AWS Academy)	Feb 2023
• Database Programming with SQL (Oracle Academy)	Jul~2022
• Supervised Machine Learning (IBM Coursera)	Feb 2023