Akshay Chaturvedi

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

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EDUCATION

Degree	Institute/Board	Percentage	Year
B.Tech.	Gyan Ganga Institute of Technology and Sciences, Jabalpur	85.7%	2020-24
Senior Secondary	Nalanda Public School (CBSE)	83.2%	2020
Secondary	Nalanda Public School (CBSE)	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
  - Provided personalized guidance based on student profiles, resulting in increased placement success rates.
  - 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++,Java, 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 Jabalpur *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*