

Ashutosh Rai

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Varanasi, India

RESUME SUMMARY

A self-driven and meticulous B.Tech CSE undergraduate skilled in Front end development, Java, C, C++ and SQL, analyzing data and solving problems using my analytical and critical thinking abilities.

EDUCATION

- **Kalinga Institute of Industrial Technology, Bhubaneswar**
Bachelor of Technology in Computer Science & Engineering: 7.93 CGPA Oct. 2021 - Present
- **Sunbeam School Lahartara, Varanasi**
12th(CBSE): 83% Apr. 2019 - May 2020
- **Sunbeam School Lahartara, Varanasi**
10th(CBSE):84% Apr. 2016 - May 2018

PROJECTS

- **Brain Tumor Detection** Jul 2023 - Nov 2023
Leveraged advanced machine learning algorithms to develop a robust brain tumor detection system. Utilized MRI scan data to train a convolutional neural network (CNN), achieving a **97%** accuracy rate in identifying malignant and benign tumors. Implemented image preprocessing techniques to enhance model performance. The system significantly reduced diagnostic time, aiding radiologists in making faster, more accurate assessments.
Keywords: Python, Pandas, Numpy, Matplotlib, CNNs
- **KI-SO: A Full Stack Alumni connecting Platform for KIIT University** Jan 2024 - Mar 2024
Developed KI-SO, a comprehensive full-stack website designed to foster connections between KIIT University students and alumni. The platform facilitates networking, mentorship, and information exchange, enhancing the university's community engagement.
Keywords: Full Stack Development, Html, Css, Javascript, MongoDB, Express, React, and Node.js.

CERTIFICATIONS

- HackerRank 3 star Badge Present
- HackerRank Certificate for Problem Solving on Beginner and Intermediate Level 2023
- Linkedin certificate of Graphic Design 2023
- Linkedin certificate of Non-Technical Skills of Data Scientist 2023

TECHNICAL SKILLS

Programming Languages: C/C++, Java, Python, SQL, HTML/CSS	Frameworks: Flask, Django
Data Science: Pandas, NumPy, PyTorch, Scikit-Learn, NLTK, XGBC Boost, MatPlotLib	Developer Tools: AWS, MySQL, Snowflake, Git, JetBrains IDEs, VS Code ,AWS

INTERPERSONAL SKILLS

- Skilled in Effective Communication and Collaborative Teamwork
- Responsible and Resilient
- Punctual and Highly Adaptable

ACHIEVEMENTS

- Geeks for Geeks Distinction: Consistently ranked 1st on the GFG coding platform at my college, showcasing exceptional proficiency in algorithmic problem-solving and programming skills.
- Organizing member of International KIIT Model United Nation '09, September 2022.
- Awarded with Junior Scientist Award from the government of Uttar-Pradesh, March 2020
- Awarded with "Stephen Hawking award" for the best in science at the school level, January 2020.