

Avichal Kumar Bharti

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LinkedIn Github

EDUCATION

- University Institute of Engineering & Technology** Kanpur, India
Bachelor of Technology - Information Technology July 2020 - June 2024
Courses: Operating Systems, Data Structures, Artificial Intelligence, Machine Learning, Networking, DBMS, Software Engineering

SKILLS SUMMARY

- Languages:** C++, Java, Python, JavaScript, NodeJs, HTML, CSS
- Frameworks:** Django, React.Js, Express.Js
- Tools:** GIT, UberSuggest, Semrush, MySQL, ChatGPT-4, System Design (LLD)
- Library:** Numpy, Pandas, Matplotlib, CNN, Neural Network, Visualization
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking

EXPERIENCE

- GeeksforGeeks** Noida
Technical Content Analyst - Intern Dec 2023 - Nov 2024
 - SEO and Ranking Optimization:** Conducted keyword research with Ubersuggest, implementing 5000+ keywords to boost content rankings, resulting in a 35% increase in visibility.
 - Content Analysis And Improvement::** Analyzed and aligned 200+ content pieces with audience interests, increasing engagement by 25% and traffic by 20%.
 - Meaningful Contribution:** Optimized 1500+ web pages for readability and SEO, decreasing bounce rate by 40% and increasing session duration by 15%.
- Small Arms Factory(Govt.)** Kanpur
Web Developer - Intern June 2023 - July 2023
 - Frontend Development:** Frontend Development: Created 50+ user-friendly HTML templates, applying CSS for enhanced UI/UX.
 - Backend Logic::** Employed Python's file handling and advanced string manipulation techniques to extract and process data, optimizing data extraction efficiency by 50% and reducing processing time by 30%.
 - Meaningful Contribution:** Contributed significantly to the development of a pivotal HR data management tool, resulting in a 30% increase in data accessibility and operational efficiency improvements.

PROJECTS

- Student Admission Web Application With Database (CRUD - Create, Read, Update, Delete) :** Created a pulsating Django project using SQL for efficient data management, streamlining student enrollment with a user-friendly interface; handled 500+ enrollments. Tech: Python, Django, HTML, SQL, CSS.(July '22)
- Lung Cancer Detection Using Nature Inspired Algorithms (Machine Learning):** Developed a cutting-edge lung cancer detection model leveraging Cuckoo Search Optimization and CNN, attaining 92% accuracy on a 1200-image dataset; significantly improved early diagnosis rates and clinical decision-making.
Tech: Python, Machine Learning, Cuckoo Search Optimization , CNN, Matplotlib, Numpy, Pandas, Visualization . (May '23)
- Weather Application (Frontend Development):** Employing HTML, CSS, Tailwind CSS, and JavaScript, developed a weather application that retrieves precise forecasts for cities via a weather API, ensuring 95% data accuracy and providing an intuitive user interface. Tech: HTML, CSS, JavaScript, Weather API. (June '23)

CERTIFICATION

- Coding Blocks :** Data Structure And MERN Course - "Career Bootcamp Program" by Coding Blocks.
- CodeHelp :** Low Level System Design - Mastering the Fundamentals of Low Level System Design with Real world Design problems.

CODING PROFILES

- GeeksForGeeks: **avichalbharti14**
- LeetCode: **Avichal_Kumar**
- Coding Blocks: **Avichal_Kumar**

VOLUNTEER EXPERIENCE

- NSS- National Service Scheme** Kanpur, India
NSS volunteers promote civic engagement through selfless social work in communities. Dec 2020 - Oct 2022
- Placement Coordinator** Kapur, India
Organized Rojgar Mela (Job Fair), in CSJM University 2022 reaching over 2000 peoples. Jul 2022