

ARPIT AKHOURY

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ABOUT

I am a BCA Data Science student at Manipal University Jaipur with a strong interest in Machine Learning, AI, and research. I have hands-on experience in ML through coursework and projects, with certifications from GUVI Geek Networks. Currently, I am working on the research topic "ML Techniques in Identifying Generic Markers for Epidemiological Study of Cancer," exploring AI applications in healthcare. I am keen on advanced algorithms and real-world applications, seeking opportunities to contribute to AI and ML research.

EDUCATION

BCA in Data Science , Manipal University Jaipur Courses: Data Science, Machine Learning, Web Development, Python Grade: TBA	2023 - 2026
12th Grade , St. Xavier's School, Hazaribagh Grade: TBA	2021 - 2023
10th Grade , Angels High School, Hazaribagh Grade: 80%	2009 - 2020

EXPERIENCE

Organizational Manager, Glitch Esports Society Manipal University Jaipur Coordinated large-scale Valorant tournaments with over 32 simultaneous matches, involving teams from across India. Led marketing efforts and improved event visibility through social media and outreach.	2023 - Present
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PROJECTS

Prostate Cancer Detection using ANN Built an ANN model to predict prostate cancer using normalized data. Used ReLU/Sigmoid activations and achieved 90%+ accuracy. Tools: Python, Scikit-learn, Matplotlib	March 2025 - April 2025
College Hostel Finder Website Developed a website to find/compare hostels with photo gallery, reviews, maps, and Firebase authentication. Tools: HTML, CSS, JavaScript, Firebase	June 2024 - July 2024
Fake News Detection using NLP Created a binary classifier using TF-IDF with Naive Bayes and Logistic Regression to detect fake news. Tools: Python, Pandas, Scikit-learn	Feb 2025
Frontend Web Development, Personal Project Built a responsive website with modern UI/UX using HTML, CSS, and JavaScript. Ensured cross-browser compatibility. Tools: HTML, CSS, JavaScript	June 2023 - July 2023

RESEARCH EXPERIENCE

ML Technique in Identifying Generic Markers for Epidemiological Study of Cancer <ul style="list-style-type: none">Conducting ongoing research using ANN and DNN models to identify potential cancer markers.Exploring SVM and other ML tools to enhance classification accuracy and determine best-performing models.	Dr. Monika Jyotiyan
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CERTIFICATIONS

Machine Learning 101 , GUVI Geek Networks, IITM Research Park Gained fundamental knowledge of supervised and unsupervised learning algorithms and applied them in real-world datasets.	September 2024
Web Development Certification , 1stop.ai Learned full-stack web development using HTML, CSS, JavaScript, and Bootstrap.	August 2023

SKILLS

- **Languages:** Python, C++, C, Java
- **Web:** HTML, CSS, JavaScript, Bootstrap
- **ML/Data Science:** Pandas, NumPy, Scikit-learn
- **DSA:** C++, Java
- **Spoken Languages:** English, Hindi