Akanksha Rani

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EDUCATION

- **Indira Gandhi Delhi Technical University for Women** — New Delhi, India
  B.tech (Electronics and communication engineering with specialization in Artificial Intelligence); — *2021-2025*
  Courses: *Data Structures and Algorithms, OOPS, Artificial Intelligence, Machine Learning, DBMS*

- **Apeejay School ,Panchsheel Park** — New Delhi, India
  Senior Secondary Board XII Percentage : 90 ; — *2007-2021*

- **Apeejay School ,Panchsheel Park** — New Delhi, India
  Matriculation X Board Percentage : 91 ; — *2007-2019*

SKILLS SUMMARY

- **Languages**: Python, R, C,C++, JavaScript, SQL, HTML, React ,CSS
- **Frameworks/libraries**: Scikit,Seaborn, NLTK, mathplotlib, seaborn, numpy, NodeJS,
- **Tools**: GIT, MySQL, IDLE
- **Platforms**: Web, Windows, MATLAB, Arduino, Raspberry, AWS, GCP, IBM Cloud
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **IBM Edtech Youth Challenge Internship'20** — Remote
  Artificial Intelligence Intern — *12/2021 - 12/2021*
  - **Skills**: Python (Programming Language) · Wireframing · Keynote Speaking · Presentation Skills · Design Thinking · Teamwork
  - **Global Discussion Forum**: IBM Global Experts conducted insightful sessions on applying User Centered Design and the concept of Design Thinking, the problem solving process using Artificial Intelligence.
  - **Project**: I collaborated with 4 random teammates to build PROpred: An Application to reslove the problem of procrastination in day-to-day life, ideated wireframed in a period of Just 2 weeks, including a full-length presentation on the use-case, implementation architecture.

- **Co-founder** — Remote
  Ideation/Heardware Head) — *Dec 2019 - Present*
  - **Start-up Phase**: Winner of the CISCO-NASSCOM Thingqbator's startup track and the only student team ever to present at the annual IBM think conference.
  - **Skills**: : Python (Programming Language) · Project Management · IBM Watson · IBM Cloudant · Rapid Prototyping · Artificial Intelligence (AI) · Design Thinking
  - **Impact**: An AI centred solution for rural Healthcare

PROJECTS

- **Comparative Analysis and Visualization of Breast Cancer using Machine learning models**: Tech: Python, Libraries :sklearn , mathplotlib ,numpy,seaborn; ML models :SVM.Knn,Logical Regression, Linear Regression

- **IEEE official Website,IGDTUW** : Team project Tech: Reactjs,Javascript,CSS,HTML ,Bootstrap

- **Ethical Hacking : Testing of an Ecommerce site-Lifestyle** : Tested an e-commerce platform and listed all possible vulnerabilities and loopholes in it, :SQL Injection ,HTML ,CSS,Javascript Insecure File Uploads Client Side Filter Bypass Weak Passwords Default Files and Pages File Inclusion Vulnerabilities PII Leakage Bruteforce Command Execution Vulnerability Forced Browsing Flaws

PUBLICATIONS

- **Research Paper: Comparative Analysis and Visualization of Breast Cancer using Machine Learning Models**: Conference: 2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) Weblink :https://ieeexplore.ieee.org/document/9964530 (November '18)

HONORS AND AWARDS

- 1st Place in IBM - CBSE "AI for Better India Hackathon' at national level out of 700+ projects nation-wide
- 1st position in 3rd Technovation Smart City Hackathon organised by GNIDA and Sharda University (Prize of Rs. 25,000)
- Accepted at Harvard HPAIR Conference
- Open source contributor at GirlScript summer of code and Hactoberfest'22
- Mentored at 'Building AI Readiness among Young Innovators' program an initiative by Inspire Manak, Department of Science and Technology, Government of India and Intel
- Selected as AI/ML/DL Mentor at Google Developer Students Club ,IGDTUW
- Selected in top 30 teams in startup track of Cisco thinqbator incubation cohort out of 1000 projects.
- Research Project published at IEEE Explore , ICRITO'22 conference
- Young Innovator Award for excellence in field of Technology issued by Apeejay Institute
- Rotarian at Community services of Rotary Club of Delhi Shine