Sudhanshu Ranjan | Résumé

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🎓 Education

Maulana Azad National Institute of Technology, Bhopal (M.P.) India   2016 – Present

Bachelor of Technology, Computer Science & Engineering, Anticipated Graduation: 2020. CGPA: **7.081/10**

Bihar Secondary Education Board, Patna (Bihar)   2016

Intermediate / +2, Mathematical Sciences. Marks: **80.6%** Overall Rank < 15.

Central Board of Secondary Education, New Delhi   2014

Matriculation, Literature: Hindi, English, Sanskrit. CGPA: **9.4**

🌐 Major Open Source Projects

Cardiac Arrhythmia   https://www.github.com/ranjansudha3042

Python. Cardiac Arrhythmia Prediction and Classification using Machine Learning,

- Designed different models of machine learning using SVM, kNN, Naive Bayes, and Logistic Regression.
- Tried to predict and classify cardiac arrhythmia into 16 different classes so that quick and proper diagnosis possible.

Monopoly Game   https://www.github.com/ranjansudha3042/

Java. Monopoly Game construction using Artificial Intelligence.

- Designed a bot using Artificial Intelligence for best path for next outcome using Fuzzy sets, and different probabilistic functions.
- Worked on various methods like best first search, probabilistic functions.

Hotel Management

HTML, CSS, JavaScript, MySQL, PHP. Hotel Management Website.

- Created and developed web pages for a Hotel management service.
- It includes check in, check out, room availability, and price of hotel rooms at different locations.

</> Technical Skills

- **Programming Languages:** *Multilingual.* Experienced in C, C++, SQL. Familiar with Python and JavaScript.
- **Others:** *Familiarity with* HTML, CSS, Shell, Linux, Networking (CCNA), Ethical Hacking, Cyber Security.

⊟ Certifications

- **Ethical Hacking and Cyber Security**

  Educonf Technologies Pvt. Ltd.
    - Six weeks training of ethical hacking and cyber security.
    - It includes Windows hacking, Network and Website hacking and security, Android hacking and security, and Penetration Testing.

- **TechSphurti Web Design Certification**

  HTML, CSS, JS. Indian Institute of Technology, Kharagpur.
    - 5 Days workshop in IIT-Kharagpur in which web designing and web development using HTML, CSS, JS.
    - A similar website is also created based on this training for blog writing for individuals and organizations.

⚙ Trainings

- **Certified Computer Network Associate**

  Sitcon Institute of Advanced Networking.
    - Based on Hardware Networking which includes Cisco router training, switching and routing, troubleshooting problems, designing of LANs and WANs, Network Security, and Different sects of IPv4 and IPv6.

- **Ethical Hacking and Cyber Security**

  Educonf Technologies Pvt. Ltd.
    - 6 weeks training of cyber security, ethical hacking, and penetration testing.

ⓘ Miscellaneous

- **Scholarship:** Received Chief Minister scholarship for excellent performance in Intermediate / +2.
- **Workshop:** Robotics and automation workshop organized by Techfleeters Infotech Pvt. Ltd. and Robocon, MANIT.
- **Hobbies:** Designing Networks, Coding and Programming, Listening Music, Reading, Playing Chess & Cricket.