RAHUL KHETWAL

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EDUCATION

- **Doon Institute of Engineering and Technology**   September 2021 – July 2025
  Currently pursuing Bachelor of Technology in Computer Science and Engineering   **CGPA: 7.5**
- **Shri Guru Ram Rai Public School**   April 2019 – April 2021
  CBSE (Class XII)   **Percentage: 77**
- **Bhagirathi Vidyalaya**   April 2019
  CBSE (Class X)   **Percentage: 89.6**

PROJECTS

- **Strategic Retention Model – ML-Powered Retention Predictor**   May 2025 - August 2025
  Skills : Python, Streamlit, Scikit-learn, Data Processing, UI Design
  - Deployed an ML-based web app to predict user/employee churn using satisfaction and performance data.
  - Achieved **up to 85% prediction accuracy**, enabling up to **70% improvement in identifying at-risk users** through real-time insights and a clean, interactive UI.
- **Master Project Deployer – Intelligent Project & Outreach Automation**   April 2025 - June 2025
  Skills : Python , Git , Shell Scripting , Tkinter , JSON
  - Built an **automation tool** to create GitHub-ready projects and assist job seekers with recruiter outreach and cold emailing.
  - Included dual working modes (Basic and Advanced), OTP verification (fallback to on-screen), and a project ZIP download feature — **reducing manual effort by 70%**.
  - Attempted GitHub API push/pull integration and SMS OTP with graceful fallback handling.
- **Security Compliance Checker – Linux Shell Audit Tool**   July 2024 - September 2024
  Skills : Bash , Linux , Git , DevOps
  - Developed **a robust shell script** to audit Linux systems for misconfigurations, SSH access, firewall vulnerabilities, and user permissions.
  - Automated real-time logging and compliance reporting, **reducing manual security inspection time by 80%** and aligning with core DevSecOps principles.
- **F2F Interview Bot – AI-Powered Interview Assistant**   March 2024 - July 2024
  Skills : Python , NLP, Automation , Scikit-learn , Chat bot Development
  - Designed and developed a **machine learning-based interview** bot that simulates real-time technical interviews with **85% response accuracy** using **NLP techniques**.
  - Automated candidate evaluations, improving assessment consistency and interview scalability while reducing manual review time by over 60%.

CERTIFICATIONS

- **Computer Skills Certificate** : Issued by SARA Information Technology and Educational Development, India, on July 6, 2021 under IT SKILL ADVANCEMENT TRAINING PROGRAM.
- Foundational knowledge in computer operations, office productivity tools, and basic programming concepts.
- Proficiency in using various software applications, enhancing productivity and efficiency in academic and professional tasks.

SKILLS

- **Technical** : Python, Bash, Shell Scripting, Git, GitHub, Amazon Web Services (AWS – foundational), Cron, Linux Automation, NLP, Scikit-learn, Chatbot Development, CI/CD (basic), HTML, CSS, Java (basic), Tkinter, MobaXterm, Microsoft Word, Excel, PowerPoint.
- **Non-Technical** : Teamwork (Collaboration) , Leadership , Ability to Focus and Pursue , Attentive Listener , Adaptability , Decision Making , Effective Oral Communication , Self-motivated , Creativity.

Extra-Curricular Activities

- Won the inter-department Volleyball competition at Doon Institute of Engineering and Technology in 2022 as a team player and strategic contributor.
- Actively participated in cultural and tech events across school and college, demonstrating collaboration and initiative.
- Engaged in creative competitions such as debate and public speaking, and idea presentation contests ,enhancing communication and critical thinking skills.