


Raunak Verma

 <https://www.linkedin.com/in/raunakverma22>

 raunakverma022@gmail.com

 <https://github.com/RAUNAKVERMA22>

 +91-9304554202

SKILLS

- **Languages:** C++, Python, R, Java
- **Frameworks:** Pandas, NumPy, Matplotlib, Seaborn
- **Tools/Platforms:** RStudio, Tableau, Excel, MySQL.
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

PROJECTS

- **Mall Customer Segmentation** April 2024 – June 2024
 - **Objectives:** Segmented mall customers by purchasing power, analyzed behavior for patterns, visualized segments and trends, providing data-driven insights for personalized marketing.
 - **Description:** Segmenting mall customers purchasing power. EDA conducted customer behavior. Uncovered patterns spending habits. Visualized trends effectively. Leveraged Python libraries data manipulation.
 - **Outcomes:** Identified distinct customer segments by purchasing power, providing data-driven insights into spending patterns through visualizations and actionable insights for improved marketing targeting and customer retention.
 - **Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn.
- **Mobile-Controlled Bluetooth Car** Feb 2023 – May 2023
 - **Objectives:** Designed and developed a robotic car with Bluetooth control, integrating hardware for motor control and establishing wireless communication with a mobile app to implement real-time navigation.
 - **Description:** Developed a Bluetooth-controlled robotic car with Arduino Uno and HC-05, integrating motor control and power on a chassis for mobile app-based real-time navigation.
 - **Outcomes:** A functional Bluetooth-controlled robotic car prototype with mobile app navigation was successfully developed, demonstrating embedded systems and wireless control skills.
 - **Components:** Arduino Uno, Motor Shield, HC-05 Bluetooth Module, Battery, Chassis.
 - **Technologies:** Arduino (for microcontroller programming and control logic), Bluetooth Protocol.
- **Password Generator** Sept 2022 – Dec 2022
 - **Overview:** Developed a secure password generator ensuring strong passwords by incorporating a mix of letters, digits, and symbols with a minimum length of 12 characters.
 - **Description:** Utilized Python's random library with string manipulation and loops to develop a password generator creating robust passwords of at least 12 characters with mixed letter cases, digits, and symbols.
 - **Outcomes:** Generated strong, secure passwords with diverse characters (letters, digits, symbols) of at least 12 characters.
 - **Technologies:** Python, Random library, String manipulation, Loops.

CERTIFICATIONS

- **Cloud Computing – NPTEL(Elite) | IIT Kharagpur** Aug 2024 - Nov 2024
 - Completed NPTEL's Cloud Computing course, gaining expertise in cloud architecture, virtualization, and security.
- **Python, Data Science & Machine Learning – Cipher Schools** May 2024 - July 2024
 - Completed training in Python, data manipulation, EDA, and machine learning.
 - Hands-on experience with Pandas, NumPy, Matplotlib, and Scikit-learn.

CERTIFICATES

- **Supervised Machine Learning: Regression and Classification** Aug 2024 - Nov 2024
Coursera - <https://coursera.org/verify/B2D8HADXRPAAY>
- **Data Analysis with Tableau** Sep 2024 - Nov 2024
Coursera - <https://coursera.org/verify/XOO05FE2KD7E>

ACHIEVEMENTS

- **Competitive Programming** Aug 2024 – Nov 2024
Achieved Rank 4,552 / 25K in Code Chef Starter 150.
- **Code Chef Achievement** Aug 2024 – Nov 2024
Earned the Daily Streak - Gold Badge (100+ days).

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.16** 2022 - Present
- **Sri Agrasen School** Ramgarh, Jharkhand
Intermediate with Non-medical; **Percentage: 90.4%** April 2019 - March 2021
- **DAV Public School NTS Barkakana** Ramgarh, Jharkhand
Matriculation; **Percentage: 89.4%** April 2016 - March 2018