

Ayush Sharma

LinkedIn: <https://www.linkedin.com/in/ayush-sharma26/>

GitHub: <https://github.com/Ayush98sharma98>

Email: ayushsharma4540@gmail.com

Mobile: +91-9548454909

SKILLS

- **Languages:** C++, JavaScript, C, Python
- **Frameworks:** HTML, CSS, Pandas, NumPy, Matplotlib, Scikit - learn
- **Tools/Platforms:** Excel, Power BI, GitHub, Jupyter Notebook
- **Soft Skills:** Problem-Solving, Emotional Intelligence, Leadership, Adaptability

PROJECTS

L.A. Urban Crime Patterns Dashboard | [GitHub](#)

January 2025 - May 2025

- Developed an interactive analytical dashboard using advanced data modeling to track crime patterns across Los Angeles, ensuring a responsive layout for seamless navigation between precinct and neighborhood views.
- Engineered dynamic visual components, including KPI cards for crime rates, heat maps for geospatial hotspots, and trend lines for seasonal shifts, providing real-time insights into criminal activity and public safety.
- Built a robust decision-support system featuring structured ETL processes in Power Query, relational modeling, and complex DAX to deliver scalable, high-performance analysis of law enforcement data.

Tech: Power Bi, Power Query, DAX, Geospatial Analysis

Python Data Analysis and Prediction Project | [GitHub](#)

January 2025 - May 2025

- Aimed to conduct in-depth analysis and prepare structured datasets through Python-based processing to enable reliable predictive development.
- Built and assessed a regression solution for forecasting metrics, refining overall performance through advanced Scikit-learn methodologies.
- Applied targeted feature transformations that elevated dataset robustness, boosted predictive precision, and strengthened final analytical results.

Tech: Python, Pandas, NumPy, Matplotlib, Seaborn

SUMMER TRAINING

Mastering Java For Application Development | Lovely professional University | [GitHub](#)

June 2025 - July 2025

Java Application Developer Trainee

- Pursued development of an animated arcade environment emphasizing movement logic, timing control, and interaction flow within a desktop setting.
- Built a scrolling obstacle application employing graphic panes, collision routines, velocity updates, and trigger-driven motion sequences aligned with game mechanics.
- Delivered a functional playthrough system offering smooth transitions, consistent responsiveness, and stable runtime dynamics across varied operations..

Tech: Swing, AWT, OOP

CERTIFICATES

- Cloud Computing | NPTEL | [Link](#) January 2025 - April 2025
- Unrevealing Basic Python towards MI/AI | CSE Pathshala | [Link](#) February 2024 - March 2024
- Responsive Web Design | FreeCodeCamp | [Link](#) August 2023 – November 2023

ACHIEVEMENTS

- **Earned Top badges on Leet Code and Hacker Rank:** December 2025
Achieved a 5-star rating on SQL, C++ and Data Structure for consistent problem solving
- **Solved 200+ coding questions across Leet Code, Hacker Rank and Code Chef** October 2025
Enhanced problem solving and algorithmic expertise through continuous coding practice

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.5** August 2023 - Present
- **B.K. SR. SEC. SCHOOL** Jahangirabad, Uttar Pradesh
Intermediate; **Percentage: 87%** April 2022 - March 2023
- **B.K. SR. SEC. SCHOOL** Jahangirabad, Uttar Pradesh
Matriculation; **Percentage: 83%** April 2019 – March 2020