Prakhar Purwar

LinkedIn: www.linkedin.com/in/prakharpurwar/   Email: purwarprakhar00@gmail.com
GitHub: www.github.com/prakharpurwar   Mobile: +91-7703039509

SKILLS

- **Languages**:   C++, Java, C, Python
- **Frameworks**:   Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
- **Tools/Platforms**: Tableau, Excel, Power BI, Operating Systems, Network Communication
- **Soft Skills**:   Problem-Solving Skills, Team Player, Project Management, Adaptability

INTERNSHIP

- **Deloitte – Data Analytics Job Simulation**   Jun'25 – Jul'25
  SDE Intern
  - Executed a virtual job simulation focused on data analytics and forensic technology to drive insight-driven decision-making.
  - Analyzed real-world business cases and complex datasets to derive actionable intelligence.
  - Developed predictive workflows using Python, Pandas, and Scikit-learn to enhance analytical efficiency.
  - Built interactive Tableau dashboards to facilitate executive-level reporting and stakeholder alignment.
  - Delivered data-backed recommendations that enhanced operational visibility and risk-mitigation strategy.

- **Lovely Professional University (Centre for Professional Enhancement) | Link**   Jun'25 – Jul'25
  Summer Training
  - Engineered a Car Price Prediction Model as part of the "Machine Learning Made Easy" summer training initiative.
  - Leveraged Random Forest regression to generate high-accuracy price forecasts across multi-variable inputs.
  - Optimized model performance through hyperparameter tuning and iterative evaluation workflows.
  - Deployed the solution as an interactive Streamlit application to enable real-time, user-driven price estimation.
  - Utilized Python, Pandas, Scikit-learn, and Streamlit to deliver an end-to-end, production-ready analytics asset.

PROJECTS

- **Socio-Economic Analysis of Indian Households – Machine Learning | Link**   Mar'25 – Apr'25
  - Developed an end-to-end predictive modeling pipeline to forecast car prices using advanced regression algorithms.
  - Executed data cleaning, feature engineering, multicollinearity diagnostics, and hyperparameter tuning to maximize model fidelity.
  - Integrated Linear Regression and Random Forest frameworks to benchmark performance and drive optimized outcomes.
  - Deployed an interactive, user-centric prediction interface via Streamlit to enable real-time scenario analysis.
  - Leveraged Python, Pandas, Scikit-learn, Matplotlib, and Streamlit to operationalize the full analytical lifecycle.

- **Electric Vehicle Analytics Dashboard – Data Visualization | Link**   Mar'25 – Apr'25
  - Built a dynamic Excel-based EV Analytics Dashboard consolidating core KPIs for unified visibility.
  - Automated reporting workflows to improve turnaround time and decision agility.
  - Applied advanced Excel functions, Pivot Tables, Slicers, and visualizations to enhance analytical throughput.
  - Delivered an executive-ready interface with clean navigation and actionable insights.

- **Bargain Hunter Bot – Chat Bot | Link**   Feb'25 – Apr'25
  - Designed and developed an intelligent automation bot for real-time product price comparison across e-commerce platforms.
  - implemented web scraping pipelines using python, selenium, and beautifulSoup for dynamic data extraction.
  - integrated NLP-based search functionality enabling conversational product queries and smart deal detection.
  - delivered a scalable and modular architecture adaptable to new APIs and online marketplaces.

CERTIFICATES

- ChatGPT Made Easy: AI Essentials for Beginners by Udemy | Link   Aug'25
- Completed Cloud Computing Course by NPTEL   Apr'25

EDUCATION

- **Lovely Professional University**   Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.0***   *Since Aug 2023*

- **Mahant Bhagwat Vishal Inter College**   Kadaura, Jalaun
  *Intermediate; **Percentage:67.66%***   *Apr 2020 - Mar 2022*

- **Dr B R Ambedkar High School**   Kadaura, Jalaun
  *Matriculation; **Percentage: 79.59%***   *Apr 2018 - Mar 2020*