Abhishek Kumar Singh

Linkedin: linkedin.com/in/abhisheksingh124 Email: [abhi6265kaushik@gmail.com](mailto:abhi6265kaushik@gmail.com) Github: github.com/AbhishekSingh6265 Mobile: +91-6265433095

# Skills

**Languages**: C++, Java, C

**Frameworks**: HTML and CSS

**Tools/Platforms**: MySQL, R, Tableau, MS Excel

**Soft Skills**: Problem-Solving Skills, Team Player, Project Management, Adaptability

# Projects

**Machine Learning-Based Breast Cancer Diagnosis in R** Oct 24 - Nov 24

* Analyzed breast cell biopsy images by extracting features such as size, shape, and texture of cell nuclei to classify tumours as malignant or benign.
* Applied multiple machine learning algorithms, including KNN, Naïve Bayes, Decision Trees, Regression models, KNN Clustering, and Neural Networks, to predict cancer diagnosis.
* Optimized model performance by evaluating metrics, such as accuracy, precision, recall, and F1-score, contributing to early and more accurate cancer detection.

**Sales Analytics Dashboard in Tableau** Aug 24 - Sept 24

* Developed an interactive Tableau dashboard to track sales, profit, discount, and quantity trends across various dimensions such as region, category, and customer segment.
* Integrated and cleaned sales data, ensuring accurate insights from fields like Order ID, Ship Mode, Customer Details, Product Category, and Sales Figures.
* Provided real-time visual insights through KPIs, charts, and filters, enabling businesses to identify top- performing products, high-revenue regions, and areas for improvement.

**LEAF Association Website** Aug 22 - Nov 22

* Developed a responsive and interactive website for LEAF Association, a hypothetical NGO, using HTML, CSS, and JavaScript, providing details about its mission, activities, and contribution opportunities.
* Designed a user-friendly frontend interface with smooth navigation and engaging UI, incorporating interactive features using JavaScript to enhance user experience.
* Hosted and managed the project on GitHub, ensuring version control and seamless collaboration.

# Summer training

**Geeks for Geeks ( EdTech )** Mar 24 - May 24

Data Structure and Algorithm

* Completed Data Structures and Algorithms Self-Paced Course from GeeksforGeeks, covering arrays, linked lists, trees, graphs, and dynamic programming.
* Gained hands-on experience by solving coding problems commonly asked in technical interviews.
* Enhanced problem-solving skills and optimized algorithmic thinking for competitive programming and software development.

# Certificates

* Cloud Computing | NPTEL Jun 24 - Dec 24
* Supervised Machine Learning: Regression and Classification | Coursera Aug 24 - Oct 24
* Data Analysis with Tableau | Coursera Jul 24 - Sep 24
* DSA Self Paced | Geeks For Geeks Mar 24 - May 24
* Programming in C++: A Hands-on Introduction | Coursera Nov 23 - Feb 24

# Achievements

* **Participated in Smart India Hackathon(SIH):** Dec 24 Among 60+ teams in 40k+ students in University
* **One among S1 top 40 % students at University:**

For good academic performance and extra-curricular activities at University

* **One India Cultural Festival, Lovely Professional University** Mar 24 Secured 2nd runner-up position among 25+ teams, competing against thousands of students from diverse backgrounds..

# Education

* **Lovely Professional University** Punjab, India

*Bachelor of Technology - Computer Science and Engineering;* ***CGPA: 6.34*** *Since August 2022*

* **A.S.R.L.S. College** Nabiganjbazar, Siwan

*Intermediate;* ***Percentage: 74.89%*** *April 2019 - March 2021*

* **S.S Public School** Baikunthpur, Gopalganj

*Matriculation;* ***Percentage: 64.6%*** *April 2018 - March 2019*