

Abhishek Kumar Bharti

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SKILLS

- **Language:** C, C++, Python, Java, Dart, R
- **Web Development:** HTML, CSS, JavaScript, Bootstrap, REST APIs, NodeJS, ExpressJS, ReactJS
- **Framework:** Flutter, Spring Boot
- **Database:** MySQL, Oracle, MongoDB
- **Tools/Platforms:** Firebase, AWS, Excel, Tableau, Git/GitHub
- **Soft Skills:** Problem Solving, Adaptability, Team Player

PROJECTS

- **Farmer-Contractor Negotiation Platform with Smart Contracts:** August 2024 - September 2024
 - Developed a contract farming platform that onboarded 50+ farmers and contractors, enabling seamless negotiations with role-based authentication
 - Integrated real-time chat and negotiation features using Firebase, reducing contract finalization time by 40% through instant communication and data synchronization
 - Designed an intuitive UI with structured 'Chats' and 'Negotiation' modules, achieving an 85% user satisfaction rate based on beta testing feedback
 - **Technology used:** Flutter, Firebase, Dart
- **Cross-Platform Task Manager with Real-Time Sync:** June 2024 - July 2024
 - Engineered a Google Tasks-inspired app with real-time sync across Android and the web, ensuring 99%+ data consistency and sub-200ms latency for task operations
 - Created a scalable Node.js backend and optimized Firestore with composite indexing, improving query execution by 50-60% and reducing response time by 40%
 - Implemented efficient task management features (Create, Read, Update, Delete) with seamless cross-platform compatibility and real-time updates
 - **Technology used:** Flutter, Firebase, Firestore, Node.js
- **WhatsApp Chat Analyzer - Data-Driven Insights from Conversations:** May 2024 - June 2024
 - Built a Python-based tool to process 500,000+ chat messages, extracting insights such as peak activity times and user interaction frequency
 - Visualized data using Matplotlib to create interactive graphical reports, reducing manual log analysis time by 70% and enhancing data-driven decision-making
 - Optimized data parsing with NumPy and Pandas, achieving a 50% improvement in processing speed for large chat datasets
 - **Technology used:** Python, Matplotlib, NumPy, Pandas

ACHIEVEMENTS

- **LeetCode Global Rating 1541:** Showcased exceptional algorithmic proficiency by achieving a global rating of **1541** and solving over **500** challenges on LeetCode.
- **HackerRank 5 Star Gold Badge in SQL:** Secured 5 Star Gold Badge for solving SQL problems.
- **Secured 9th rank in the Codeathon:** Participated and ranked 9th in the Codeathon organized by LPU.
- **Ranked among Dean's top 10 % of students at the University**

CERTIFICATES

- Cloud Computing by NPTEL October 2024
- Introduction to MongoDB by MongoDB University July 2024
- ChatGPT Advanced Prompt Engineering by Coursera April 2024
- Algorithms of String by Coursera April 2024
- Introduction to Git and GitHub by Google March 2023

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; CGPA: **8.7**
Since August 2022
Favourite Courses: Data Structures Algorithms, Object Oriented Programming
- **PL Shiksha Niketan** Khagaria, Bihar
Intermediate- Percentage: 78%
June 2019 - March 2021
Favourite Courses: Mathematics, Computer Science
- **DAV Public School** Khagaria, Bihar
Matriculation- Percentage: 90%
April 2018 - March 2019