Abhishek Kumar Bharti

Khagaria, Bihar 851203

📞 9798823368 ✉ bhartiabhishek310@gmail.com 🔗 linkedin.com/in/abhishek-bharti-dev 🔗github.com/codebyAbhishekBharti

Projects

Farmer-Contractor Negotiation Platform with Smart Contracts | Flutter, Firebase, Dart   **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
  GitHub Repository Link: **https://github.com/codebyAbhishekBharti/krishi_setu**

Cross-Platform Task Manager with Real-Time Sync | Flutter, Firebase, Firestore, Node.js   **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
  GitHub Repository Link: **https://github.com/codebyAbhishekBharti/todo_app**

WhatsApp Chat Analyzer: Data-Driven Insights from Conversations | Python, Matplotlib, NumPy, Pandas   **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
  GitHub Repository Link: **https://github.com/codebyAbhishekBharti/bus_mangement_system**

Bus Management System | C, MySQL   **November 2023 - December 2023**
- Constructed an automated bus ticketing system that processed real-time bookings and cancellations, ensuring accurate seat availability updates.
- Established user authentication and role-based access control, preventing unauthorized admin access through MySQL permission levels.
- Refined MySQL queries for booking, cancellations, and journey history retrieval, reducing query execution time by 50% using indexing and efficient query structuring.
  GitHub Repository Link: **https://github.com/codebyAbhishekBharti/bus_mangement_system**

Certificates

Cloud Computing   **October 2024**
NPTEL - Certificate Link

Introduction of MongoDB   **July 2024**
MongoDB University - *Certificate Link*

Algorithms on Strings   **April 2024**
Coursera - *Certificate Link*

Technical 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
Skills:	Data Structures and Algorithms, Problem-Solving, Scripting in Python

Education

Lovely Professional University Punjab   **2022 - 2026**
*Computer Science and Engineering - CGPA: **8.7***   *Phagwara, Punjab*

PL Shiksha Niketan   **2019 - 2021**
12th with Science - Percentage: 78%   *Khagaria, Bihar*

DAV Public School   **2018 - 2019**
10th with Science - Percentage: 90%   *Khagaria, Bihar*