Dhiraj kumar

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SKILLS

- **Languages**: Java, Python, Javascript, SpringBoot, Spring security
- **Frameworks**: HTML ,CSS and React
- **Tools/Platforms**: Android Studio, Pandas, NumPy Matplotlib
- **Soft Skills**: Problem-Solving Skills, Time Management, Adaptability

PROJECTS

- **Secure Blog Platform With Role Base Access Control**   August 2025
  - ProBuilt a full-stack blog application using **Spring Boot** (backend) and **HTML, CSS, JavaScript** (frontend).
  - Implemented **JWT-based authentication** and **role-based access control** (SuperAdmin/Admin/User).
  - Designed and managed features for posts, comments, and contact messages with CRUD operations.
  - Secured REST APIs with **Spring Security** and integrated **MySQL** for persistent data storage.

  Tech Stack: Spring Boot, Spring Security , Html ,CSS, JavaScript

- **RuralRide: Community Car Booking Platform**   June 2025
  - Built a full-stack web application for booking and managing cars with **role-based access** (User, Owner, Admin).
  - Designed **secure authentication** and authorization using **JWT** for login/register flows.
  - Implemented features: car management, booking history, booking status updates, and cancellation.

  Tech Stack: Spring Boot, Spring Security, HTML, CSS, JavaScript

- **IntelliBot – Hybrid AI Chat Assistant**   December 2024
  - Built a hybrid chatbot combining offline intent prediction (TF-IDF + Logistic Regression) with online LLMs (Cohere AI)
  - Trained a custom NLP model on a labeled intent dataset, achieving high-accuracy intent classification.
  - Integrated secure .evn -based API key management and deployed the app seamlessly on **Render**.

  Tech Stack: Machine Learning / NLP: Scikit-learn (TF-IDF, Logistic Regression), NumPy, Pandas

Training:

- Cipher School   June 2024 – August 2024
  - **Python, Data Science & Machine Learning**
    About: Successfully completed summer training in Python, Data Science, and Machine Learning.
    Gained expertise in Python programming, fundamental Data Science concepts, and Machine Learning
    algorithms,including Supervised and Unsupervised learning.
  - **Tech stack used:** Python, Pandas, Scikit-learn, Matplotlib, Numpy

CERTIFICATES

- Cloud Computing   January 2025
- IBM Data science - Coursera   November 2024
- Programming Fundamentals in Kotlin - Coursera   November 2024
- Mastering Data Structure & Algorithms (Udemy)   November 2023

ACHIEVEMENTS

- **Solved 100+ coding problems on various platforms:** LeetCode, Coding Ninjas, etc.

EDUCATION

Lovely Professional University   Punjab, India

- *Bachelor of Technology - Computer Science and Engineering;* **CGPA: 7.1**   *Since August 2022*

H.D jain college Ara   Ara, Bihar

- *Intermediate;* **Percentage: 74%**   *April 2019 – March 2021*

Delhi Model public school   Ara, Bihar

- *Matriculation;* **Percentage: 72%**   *April 2012-March 2019*