

Garvit Sharda

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SKILLS

Programming: Java, JavaScript, HTML/CSS, SQL, Python, MongoDB, Express.js, React.js, Node.js
Tools: VS Code, Eclipse, Git, GitHub

EDUCATION

B.Tech - CSE with Spl. in AI & Machine Learning (Hons.) UPES, Dehradun	CGPA: 7.8 (2021-2025)
XII (CBSE) Aklank Public School, Kota	86.6 % 2021
XI (CBSE) St. Paul's Sr. Sec. School Mala Road, Kota	91.8 % 2019

EXPERIENCE

❖ **Software Development Intern | International Business Machines (IBM)** (Jun '24 – Jul '24)

Task : Speech-to-text Translation with Real-time Language Conversion

- Used Google speech API to capture real time data.
- Backend was developed using Python . Frontend is being developed using HTML/CSS , JavaScript.

PROJECTS

❖ **Taxi fare prediction for local Dehradun City**

Project Summary:

- **Goal:** Developed a program that predicts taxi fare by calculating approximate travel distance , climate , no. of passengers , time and several other factors for Dehradun city.
- **Algorithm :** Compared various ML models like Logistic Regression , SVM , Decision Trees , Random Forest , etc.
- **Implementation :** Backend was developed using Python.
Frontend was developed using Tkinter.

❖ **Restaurant Billing System**

Project Summary:

- **Goal :** Develop an online restaurant billing system to keep track of records transactions.
- **Algorithm :** Developed an interface for user end to order food items and customize them. Developed by capturing orders, calculating totals with tax and discounts, and printing the final bill.
- **Implementation :** C was used as backend for evaluation and bill generation.

❖ **BuddyTalk – A Realtime Chat Application**

Project Summary:

- **Goal :** Created a real-time chat program with message history, user authentication, and support.
- **Algorithm :** MongoDB used to store user data, while Socket. to implement real-time message delivery.
- **Implementation:** React, Tailwind, Express, MongoDB, Mongoose, Socket.io

ACHIEVEMENTS AND CERTIFICATIONS

❖ **IBM ICE Day (Technical Paper Presenter)**

(2022)

Presented a technical paper and PowerPoint presentation on Nano-Technology and its usage in medical industry.

Position Of Responsibility : Team Manager

Achievement : Silver Medalist in Technical Paper Presentation.

Certifications: Google Digital Marketing (2021) | Microsoft Certified: Azure AI Engineer Associate (2024)