

# Garvit Sharda

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## SKILLS

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**Programming:** Java, JavaScript, HTML/CSS, SQL, Python, MongoDB, Express.js, React.js, Node.js

**Tools:** VS Code, Eclipse, Git, GitHub

## EDUCATION

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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

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❖ **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

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❖ **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

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❖ **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)