

# Tushar Adling

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## Education

- Vishwakarma Institute of Information Technology** **Pune, MH, India**  
**B.Tech in Computer Engineering** **CGPA : 9.51** **June 2020 - June 2024**
- Dattakala International School and Junior College** **Daund, MH, India**  
High School **Marks : 80%** **June 2018 - March 2019**
- Shri Narayandas Ramdas High School** **Indapur, MH, India**  
Secondary School **Marks : 94.20%** **June 2016 - March 2017**

## Skills

- Languages : C , **C++** , **SQL** , Python , HTML , CSS , Javascript .
- Frameworks : Pandas , Numpy , Matplotlib , Flask , Bootstrap
- Tools : Git , Mysql , DevC++ , Xcode , VSCode , Google Colab , Pycharm , JupyterNotebook , Eclipse .
- Domain : **Operating System , Object Oriented Programming , Database Management , Data Structures and Algorithms**

## Projects

### CPU Scheduling Algorithm Visualizer **Jan 2024 - May 2024**

- Developed an interactive Scheduling Algorithm Visualizer using HTML, CSS, and JavaScript to enhance understanding of process scheduling in operating systems.
- Implemented functionalities to visualize various scheduling algorithms like FCFS, SJF, Priority and Round Robin.
- Designed an intuitive user interface for selecting algorithms, inputting process data, and viewing execution results .

### Hospital's Bed Slot Booking System **Jan 2023 - June 2023**

- Developed a hospital bed slot booking system using HTML, CSS, and JavaScript for a user-friendly experience.
- Implemented a backend system using Python Flask to manage user interactions, data processing, and communication with the MySQL database.
- Designed and built a database schema in MySQL to store hospital information, bed availability, and user bookings .

### Housing Price Prediction **Nov 2022 - Dec 2022**

- Developed a housing price prediction model using linear regression to estimate property values based on key features.
- Analyzed housing market data to identify factors influencing property prices (square footage, number of bedrooms, location).
- Skills : Python , Pandas , Numpy , Matplotlib .

## Experience

### FullStack Developer at [Piyush IT Services](#) **June 2023 -Nov 2023**

**Worked on Project : Audiobook** (A web application provides books in Audioformat )

- Built a full-stack web application for audiobooks using HTML, CSS, JavaScript, Python Flask, and MongoDB.
- Implemented a backend system using Python Flask for user authentication, audiobook management, and data interaction.
- Integrated user authentication and authorization for secure access and use .

## Achievements

- Solved 300+ Coding Problems on **Leetcode** , **Hackerrank** , **Codechef** and **GFG** platforms .
- 1'st Rank in College Coding Competition Conducted with the association of Edyst Technology .
- 5 star in C++ programming , 4 star in C programming on Hackerrank Platform .

## Certificates

- Data Structures and Algorithms: The Complete Masterclass ( Infosys ) |
- Learn C++ Programming -Beginner to Advance- Deep Dive in C++ ( Udemy ) |
- Front-End TechnologiesIn the framework of EPAM Center of Excellence ( EPAM Systems ) |
- SQL Foundation - Self Paced ( GeeksforGeeks ) |
- Mastering Data Structures & Algorithms using C and C++ ( Udemy ) |