VIGHNESH SAWANT

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CAREER OBJECTIVE

To obtain a challenging career in the IT industry and put all my efforts into the growth of the organization and have a great working environment

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TECHNICAL PROFICIENCY

- **Programming Languages:** C, Python, C#
- **Database Management:** MySQL
- **Web Development:** HTML, CSS, JavaScript, PHP
- **Data Science Libraries:** NumPy, Pandas, Matplotlib
- **Software Tools:** MS Excel, MS Word, MS PowerPoint

EDUCATIONAL QUALIFICATION

BE In Computer Engineering (University of Mumbai) (Pursuing)	SSPM's college of engineering, Kankavli	Semester	SGPA
		I	7.33
		II	8.10
		III	8.83
		IV	8.79
		V	9.22
HSC	DT Jr college, Pandurtitha	64.67%	
SSC	SM Vidyalay Bhadgaon	93.80%	

Additional Courses:

- CCC (Courses on Computer Concepts)

EXPERIENCE

Software Engineer Intern
JISL (Jay Instruments & Systems Pvt. Ltd.)
(December 11, 2024 - January 11, 2025)
Location: Taloja, Navi Mumbai, Maharashtra

- Developed and maintained **C# WinForms** desktop applications, enhancing user interface and functionality.
- Integrated **SQL Server** for backend database management and optimized performance.
- Collaborated with the development team to design, test, and debug application features.
- Gained experience with **Git** for version control and participated in agile development practices.

1. Hotel Management System

   Technologies Used: C#, WinForms, SQL Server

   - Developed a **Hotel Management System** to streamline hotel operations like room booking, check-ins, guest information management, and billing using **C#** and **WinForms**.
   - Integrated a **SQL Server** database to store guest details, room availability, and payment data.
   - Created an intuitive user interface for easy management and smooth functionality.

2. Smart Irrigation System

   Technologies Used: Python, Arduino, Sensors (Humidity, Soil Moisture), IoT

   - Designed and implemented a **Smart Irrigation System** using **Arduino** and **Python** to automate the irrigation process based on **soil moisture** and **humidity** sensors.
   - Integrated an **IoT-based solution** for real-time monitoring and control of the irrigation system remotely, ensuring optimal water usage.
   - The system reduced water consumption while maintaining optimal soil moisture levels.

3. Educart - A Reselling Website

   Technologies Used: HTML, CSS, PHP, JavaScript, MySQL

   - Developed a **reselling website** where users can buy and sell educational materials.
   - Designed the front-end using **HTML**, **CSS**, and **JavaScript** to create a responsive and user-friendly interface.
   - Implemented the back-end in **PHP** and **MySQL** to manage user accounts, product listings, and transactions.

4. College Management System

   Technologies Used: C#, WinForms, MySQL

   - Developed a **College Management System** for managing student records, faculty information, and course schedules.
   - Used **C#** with **WinForms** to build the desktop application and **MySQL** for database integration.
   - Automated tasks like attendance tracking, grade management, and report generation for efficient administration.

5. Weighbridge System

   Technologies Used: C#, WinForms, MySQL

   - Developed a **Weighbridge Management System** during my internship at **JISL** to manage vehicle weight measurements at a facility.

   - Utilized **C#** and **WinForms** to build the desktop interface and **MySQL** for storing and managing weight data.

   - Ensured accurate reporting and real-time data entry for efficient weighbridge operations.

PERSONAL PROFILE

- **Fathers Name:** Amar Sawant
- **Date Of Birth:** 02/09/2004
- **Gender:** Male
- **Nationality:** Indian
- **Languages Known:** English, Marathi, Hindi
- **Hobby:** Reading Books

DECLARATION

I hereby declare that all the above mention information is true to the best of my knowledge and belief.