# Dinesh Bishokarma

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## EDUCATION

**K.J Somaiya College of Engineering**                                          Mumbai, Maharashtra

*Bachelor of Technology in Electronics & Computer Engineering – SGPA: 9.21*          *Aug 2023 – June 2027*

*(with MAJOR in Data Science and Analysis)*

## EXPERIENCE

**Hardware Team Member**                                          August 2024 – July 2025

*TMRT (The Marine Robotics Team)*                                          *Mumbai, India*

- Contributed to the **NISARG** Sewage Water Cleaner by integrating sensors with **Arduino** to monitor and control sewage water treatment systems.
- Played an active role in the **3D design** and **printing workshop**, helping create custom parts and prototypes for robotic projects.
- Assisted in developing mechanical components and enhancing design processes to improve overall functionality and efficiency in the team's projects
- Worked on **ROS2** to implement automation and communication between robotic subsystems.

## PROJECTS

**Car Rental System** | Java, Swing, MySQL

- Developed a Java-based Car Rental System using OOP concepts to manage car types and rental workflows.
- Implemented a **single-frame GUI** with Swing for booking, returning, and viewing cars with INR-based pricing.
- **Integrated MySQL database** for storing rental records, customer data, and transaction history.

**Expense Tracker** | File Handling, Structures

- Built a **console-based application** in C to manage personal finances by recording daily expenses and income transactions.
- Implemented features to add, edit, delete, and categorize transactions, along with real-time total expense calculation.
- Designed a structured menu-driven interface for smooth user interaction and included upcoming **bill tracking** functionality.

## TECHNICAL SKILLS

**Languages:** JavaScript, CSS, HTML, Python, C, C++

**Databases:** PostgreSQL, MySQL

**Frameworks:** Node.js, React, Tailwind, Bootstrap

**Tools:** Git, Figma

## ACHIEVEMENTS

**XR Hackathon:** Secured **2nd Prize** in the Tourism Track at the Somaiya Innovation & Impact Festival 2025