

Mrudula More

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EDUCATION

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- **Vishwakarma Institute Of Information Technology** Pune, India
Bachelor of Technology - Information Technology; GPA: 9.08 June 2019 - June 2023

WORK EXPERIENCE

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- **Xpressbees (BusyBees Logistics Solutions Pvt. Ltd.)** Pune
Software Developer Engineer-I (Full-time) June 2023 - Present
 - Led the overhaul of the **CRM** platform using the **MEVN stack** and **PostgreSQL**, enhancing performance and scalability to accommodate increasing business needs.
 - Strengthened platform security through the implementation of **OAuth 2.0**, employing token-based authorization for secure user authentication and access control.
 - Engineered a state-of-the-art data protection framework with **AES Crypto algorithms**, ensuring the safeguarding of **Personally Identifiable Information (PII)** against unauthorized access or breaches for 3 projects.
 - Employed **Sequelize** functions to optimize database performance and executed version-controlled development using **Bitbucket** and Git commands, while actively contributing to **Agile project management** through Jira.
 - Developed efficient **REST APIs** for the **IMS** project, facilitating swift data transactions and leveraging **PostgreSQL** for robust database management. Spearheaded the migration initiative to eliminate dependencies on legacy systems, ensuring seamless integration.
 - **Aspect Ratio** Pune
Data Analyst (Intern) Sept 2022 - Jan 2023
 - Developed a web application utilizing **HTML, CSS, JavaScript, Django, and MySQL** to implement a Future Market Forecasting Model, integrating newly designed **Excel-VBA algorithms** for enhanced performance, reduced hand-shake time, and optimized page loading.
 - Collaborated with the development team to integrate **predictive modeling** capabilities into the application, enabling the assessment of market size and the adjustment for future events, ultimately providing estimated sales volume for informed decision-making.
 - Conducted **data analysis** tasks, including data cleaning, preprocessing, and statistical analysis, to ensure the **accuracy and reliability** of the predictive model's output, thereby supporting stakeholders in making informed strategic decisions.

PROJECTS

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- **Real-Estate Management System** : Created a user-friendly web application using **PHP, HTML, CSS, ,MySQL** for intuitive property listing exploration with extensive photo galleries.Implemented secure access protocols for property owners, enabling them to securely view user information and **schedule meetings, ensuring privacy** and facilitating effective communication.
 - **Cursor Controller Using gesture Recognition**: Utilized Google's Mediapipe library to enhance computer vision capabilities compared to previous methods such as HOG, LBP, and KNN, while integrating additional functionalitie.Presented at **CNC 2022** conference and published in **Scopus Indexed Springer**.
 - **ISKCON Recipe Management System**: Developed a website using **Django, React.js, and MySQL** database to store ISKCON recipes, featuring a multifilter dashboard, step-by-step cooking instructions, ingredient details, and instructional videos. Created an **admin** portal for managing recipe information and a **user** portal for recipe browsing, incorporating **system diagrams** for website architecture and utilizing Figma for workflow design.

EXTRA CURRICULAR ACTIVITES

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- **IIT-Bombay** : Part of organizing team of event wrap by IITB SAMEER
 - **Rifle Shooting** : National Gold Medalist. Also Sports Head of university.

HACKTHON

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- **Winner JPMC Code for Good'22**
 - *Developed a sustainability-focused challenge aiming to create a Bumble-like hiring platform within a 24-hour timeframe.*
 - **Finalist Aerothon'23**
 - *Created a sustainable aircraft system in just 24 hours, promoting eco-friendly collaboration Aviation stakeholders.*

TECHNICAL SKILLS

C++, JavaScript, SQL, Python, Data Strutures and Algorithms, OOPs,DBMS, Node.js, Express.js, React.js, Vue.js, MySQL, Django, Git, Windows, AWS,Leadership, Event Management, Public Speaking, Time Management