

# Vandan Mahajan

Location: Bengaluru, Karnataka

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## TECHNICAL SKILLS

**Languages / Frameworks:** Node.js , JavaScript , Express.js , Java , Python , MongoDB , PgSql , Django

**Developer Tools / OS:** Git , VS Code , PyCharm , IntelliJ , Docker , Eclipse , Jenkins , Windows , Ubuntu , Kali Linux

## EXPERIENCE

### XpressBees SDE Intern

July 2023 - Feb 2024

- Worked in **TMS**(Transport Management System) team which is responsible for handling transportation.
- Spearheaded migration module for data transfer from PostgreSQL to MongoDB .
- Developed scalable APIs and microservices with **Node** and **Express** for seamless integration.
- Leveraged **MongoDB** database for complex lookup queries, implementing strategic indexing strategies
- Proficient in **Agile** methodologies, **Bitbucket** for version control, and **Jira** for effective issue tracking

### SonnenTech SDE Intern

Jan 2023 - March 2023

- Involved in developing the methods for **Create , Read , Update and Delete** operation for shopping cart.
- Used builtin **Django forms** to handle user input and ensure that the data is validated and secure.
- Implemented the **(MVC)** architecture and developed a scalable and efficient webapp using Django.

## PROJECTS

### BuyIt | Node.js , Express.js , JavaScript , Bootstrap , SQLite , Html | Code

Jun 2021 - Sep 2021

- Designed and developed a full-stack e-commerce website for local shopkeepers, providing a platform for users to buy and sell products in a short-distance area, ensuring convenience and accessibility.
- Used **Express.js** and **MongoDB** to develop the backend, and HTML, CSS and **JavaScript** for the frontend.
- Integrated the **Paytm API** as a payment gateway, allowing users to make secure online transactions.

### Prognosticator | Python, Jupyter | Code

Nov 2021 - Dec 2022

- Developed a House Price **Prediction system** . Used **Numpy** module for mathematical calculations.
- **K-fold cross-validation** method to identify the most efficient algorithm for optimal performance.
- **Scikit-learn** module to test data with different algorithms, ensuring the development of robust model.

### Student Portal | Java, SQL , IntelliJ , Xampp | Code

Jan 2022 - Feb 2022

- Developed student portal to manage student data **IntelliJ** used to design the frontend of the portal
- Implemented **SQL** database to store and manage student data, ensuring efficient data management.
- Used **Java** programming language to develop the backend, for scalability and maintainability.

## ACADEMIC COURSES

**Courses :** Database Management System , Operating System , Data Structure And Algorithm , Computer Networks , Compilers , Probability And Statistics , Web Architecture and Application Development

## EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.Tech (CSE)	M.S Ramaiah University of Applied Science , Bengaluru	8.4	2019 - 23
Senior Secondary	MPBSE Board	75%	2019
Secondary	CBSE Board	8.00	2017

## POSITION OF RESPONSIBILITY

- Lead a team of **20+ members** to conduct the workshops which is attended by more then **150 individuals**.
- Raised funding of **INR 50k** through sponsorship , Administered the overall marketing and finance of Sessions.
- Organized guest sessions and facilitated coding quizzes as Senior Member of Cynergy Coding Club.
- Assisted in successful conduction of events during Fresher's, Orientation and other events organised by the club.