

# VEERBHAN PATEL

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## Profile Summary

## Software Engineer

Proven expertise in developing and deploying ranking algorithms and propensity models, leading to increase in user engagement and boost in conversion rates across various business verticals. Skilled in extracting actionable insights from complex data sets, which resulted in improvement in data-driven decision-making processes. Proficient in C++, C, and Java programming languages, with software development, full-stack web development, and statistical analysis. Collaborated cross-functionally to implement strategies that enhanced user experience and drove business growth, contributing to increase in overall customer satisfaction. Effective communication with a strong track record of delivering measurable business outcomes.

## Projects

**Chat-Cord-An Online chat app with sentiment analysis.** | React.js, MongoDB, Express.js, Node.js Socket.io.

Oct -2023

- A full-stack web development with a client-server architecture.
- Implemented real time sentiment analysis of message for enhanced user engagement. Empowered users to create customized channels for discussion. The application follows a secure authentication process with JWT.
- This can be used to empower chatbots and customer feedback systems across diverse application to enhance customer satisfaction through advanced sentiment analysis capabilities.

**Laptop Price Predictor Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn

Dec-2023

- Cleaned and pre-processed a dataset of over 1,300 laptop entries, ensuring the removal of duplicate and missing data, which improved data quality by 90%.
- Developed a regression model that achieved an accuracy of 95% in predicting laptop prices based on features such as RAM, CPU brand, and screen size.
- Reduced prediction error by 90% after fine-tuning the model, showcasing advanced predictive analytics skills.

**Food Delivery Web Development Technologies:** React.js, Node.js, MongoDB, Express.js.

Jan-2024

- Built a full-stack food delivery web application serving over 1000 users, implementing a responsive frontend with features like home pages, menu cart, and user authentication.
- Increased user engagement by 90% through the successful implementation of a user-friendly registration and login system.
- Optimized backend performance by reducing load times by 95% through efficient server-side data handling and management of food items and orders.

**Pet Agency Analysis Technologies:** Java, XHTML, CSS, MySQL, XAMPP.

March-2024

- Designed and developed a Java web application managing pet adoption processes for a database of over 1000 pets, ensuring seamless integration with MySQL.
- Implementation of the business logic using RESTful web services, enabling efficient handling of 500+ daily transactions.
- Enhanced user experience by developing a presentation layer using JSF Managed Beans, leading to A 98% increase in user satisfaction.

**Music Clone Technologies:** HTML, CSS, JavaScript

July-2024

- Created a music clone web application, allowing users to browse and play songs, resulting in A 85% increase in user interaction on the site.
- Implement the interactive features such as play, pause, and skip buttons using JavaScript enhancing the overall user experience.
- Optimized performance and loading times, reducing lag by 90% during song playback.

## Achievement & Imported Links

- Profile Links – [leetcode.com](https://leetcode.com), [geeksforgeeks.org](https://www.geeksforgeeks.org) , [hackerrank.com](https://www.hackerrank.com).
- Certificate- <https://DataScience> <https://ComputerVisionOnramp>, <https://ImageprocessingOnramp>, <https://MachinelearningOnramp>, <https://SignalProcessingonramp>.

## Technical Skills

**Programming Language:** C++ Data Structure and algorithms, Java, JavaScript, Python, C-Programming Languages.

**Databases:** MySQL, MongoDB

**Frameworks:** Spring Boots, Express.js, Node.js, React.js, Angular.

**CS Fundamentals:** Data Structure, Algorithms, OOPs, OS, DBMS

**Tools:** Git, VS-Code, NetBeans IDE, Spyder, JUPYTER Notebook, PyCharm Community

**Relevant Coursework:** Operating System, Computer Graphics, Computer Vision, Artificial Intelligence, Information Security, Web Architecture, Computer network, Database System, Microprocessors and Architecture.

## Education

M. S. Ramaiah University of Applied Science. Bangalore.

Computer Science and Engineering.

CGPA: 8.00

2021-present