

RIYA SINGH

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[Linkedin](#) | [Github](#)

EDUCATION

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

Masters of Computer Applications | **CGPI: 9.15**

Chembur, Mumbai

September 2023 - Present

S.K COLLEGE OF , SCIENCE AND COMMERCE

Bachelor of Science in Information Technology | **CGPI: 8.82**

Nerul, Navi Mumbai

Jul 2019 - June 2022

PROJECTS

OptiForecast - [Link](#)

- Developed a comprehensive inventory management system to support local businesses in streamlining their operations and to evaluate similar customers behaviour, providing users with valuable insights..
- Utilized machine learning algorithms to predict customer behavior, optimize stock levels, and enhance operational efficiency used Reactjs for frontend and backend.
- Key features included **real-time inventory tracking, demand forecasting, and customer purchase pattern analysis**.
- Integrated an **SQL database** for efficient and scalable data management, ensuring seamless inventory updates and reporting.

Student Performance Prediction - [Link](#)

- Achieved 96% accuracy rate in forecasting students performance by developing and deploying machine learning model
- Managed data integrity by handling missing values and enhancing quality of data by 33%.
- Conducted experiment with both classification and regression algorithm to identify suitable approach.
- Identified and comprehended key factors influencing performance through analysis.

Quick Invoicer - [Link](#)

- Designed a mobile app to simplify and automate the invoicing process for small and medium-sized businesses.
- Developed using **Java** and **Android Studio**, leveraging **MySQL** for data storage to ensure fast and reliable access to billing records..
- Enhanced billing accuracy and efficiency, significantly reducing manual errors with features like automated tax calculations and invoice generation
- Provided users with a user-friendly interface for **creating, managing, and tracking** invoices in real-time.

TECHNICAL SKILLS

- | | |
|-----------------------------------|---|
| ● PROGRAMMING LANGUAGES : | Proficient in Python , Basics Knowledge of Java & Javascript |
| ● FRAMEWORKS / LIBRARIES : | Pandas, Numpy, Matplotlib, Next.js, Reactjs |
| ● DATABASES : | SQL, MySQL |
| ● TOOLS / PLATFORM : | Git/Github, VScode, Android Studio, Power BI |

CERTIFICATIONS

- Introduction to **SQL** – Simplilearn
- Database Management System** – NPTEL
- HTML, CSS and Javascript for Web Developers - Coursera.
- Python and Data Analytics** - ShapeAI

EXTRA-CURRICULAR ACTIVITIES:

- Volunteer for “Beach Cleaning Program”, held at Dadar Beach in 2023
- Volunteer for Community Service Programme at Athma NGO. Worked on a project titled “Plant for Me”, the first - ever tree planting charity initiative in 2022.