

VISHAL RAKHECHA

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SUMMARY

Dedicated professional adept at merging technical expertise with business acumen. Eager to apply analytical skills and innovation to diverse projects. Experienced in development, analytics, and project leadership. Published researcher committed to forward-thinking solutions and teamwork.

SKILLS

Programming Languages & Database: CSS, HTML, JavaScript, Core Java, R Programming, MySQL

Development Tools & Version Control: Eclipse & MS Visual Studio Code

Data Science & Analytics: MATLAB, Power BI

Design & 3D Modeling: AutoCAD, Autodesk Revit

EDUCATION

- ❖ **Civil Engineering | Pandit Deendayal Petroleum University** CGPA: 8.61 | (08/2018 - 07/2022)
- ❖ **XII (CBSE) | Kendriya Vidyalaya ONGC** 71% | (06/2017 - 04/2018)
- ❖ **X (CBSE) | Kendriya Vidyalaya ONGC** CGPA: 9.4 | (08/2015 - 07/2016)

EXPERIENCE

- ❖ **Junior Developer Consultant | Smollan India Pvt. Ltd.** (11/2022 – Present)
 - Developed data visualization dashboard (Looker Studio) for improved decision-making.
 - Extracted website data (Python/Java) & maintained data quality.
 - Mentored interns, enhancing team efficiency and data quality standards. Increased data accuracy by 90%.
 - Supported regional teams, resolving technical & operational challenges.

PROJECTS

- ❖ **Stock Market Simulator**
Technology Stack: HTML, CSS, JavaScript, Spring Boot, MySQL
 - Developed a Stock Market Simulator Game, aimed at beginners in investing, to provide an interactive and educational platform for learning about stock trading.
 - Implemented core functionalities like user registration, virtual trading platform with real-time data integration, Leaderboard and Multiplayer mode (display top-performing players), and portfolio management, enabling users to buy/sell stocks and track performance.
- ❖ **Dynamic Stock Dashboard (Power BI)**
 - Developed a dynamic stock dashboard in Power BI to visualize stock market data, utilizing a combination of default visuals and custom-designed layouts to present key metrics.
 - Developed a user-friendly search feature within the Power BI dashboard to dynamically retrieve and visualize historical stock data based on selected ticker symbols.

PUBLICATION

Rakhecha, V., Deshmukh, A. (2024). An Enhanced Bottom-Up Approach to Assess the Catchments' Vulnerability to Climate Change.

In: Patel, D., Kim, B., Han, D. (eds) Innovation in Smart and Sustainable Infrastructure. ISSI 2022. Lecture Notes in Civil Engineering, vol 364. Springer, Singapore. https://doi.org/10.1007/978-981-99-3557-4_32

- This approach aims to estimate catchment vulnerability by identifying combinations of climate factors (such as temperature and precipitation) that lead to adverse conditions, such as water depletion or reduced availability.

CERTIFICATIONS

- Java Programming Basics by UpGrad
- Career Essentials in Project Management by Microsoft and LinkedIn
- CSS & HTML Essential Training by LinkedIn Learning
- Career Essentials in Data Analysis by Microsoft and LinkedIn
- Google Analytics by Google Analytics Academy