Vishal Rakhecha

Junior Developer

Highly motivated professional with a passion for data analysis, project management, and problem-solving. Quick learner with a passion for data, ready to translate insights into actionable solutions. Proven ability to collaborate effectively with cross-functional teams and support in achieving strategic goals. Committed to continuous learning and development, with a strong track record of mentoring and training interns.

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EDUCATION

Bachelor of Technology (Civil Engineering)
Pandit Deendayal Petroleum University

08/2018 - 07/2022   *81.1%*

Senior Secondary School
Kendriya Vidyalaya ONGC

06/2017 - 04/2018   *71%*

Secondary School
Kendriya Vidyalaya ONGC

06/2015 - 04/2016   *89.3%*

WORK EXPERIENCE

Junior Developer Consultant
Smollan India Pvt. Ltd.

11/2022 - Present

Achievements/Tasks

- Extracted Product detail pages (PDPs) for partner websites with web scraping (Python/Java) in MS Visual Studio.
- Performed quality assurance on intern-collected data for partner websites, ensuring it met predefined accuracy and consistency standards.
- Actively support regional teams through diverse tasks, including troubleshooting technical issues and navigating operational challenges. Additionally, I collaborate with the Ops Manager on team training and documentation.
- Provided one-on-one sessions, project assignments, and offered constructive feedback to 7-10 interns, helping them gain valuable skills and improve data accuracy within a 3-week timeframe.

Data Entry Operator
HungryTop

06/2022 - 07/2022

Achievements/Tasks

- Designing and maintaining spreadsheets, and mining data from primary and secondary sources.
- Performed data cleaning and preliminary analysis on assigned datasets, building my skills in identifying basic trends and data interpretation under mentorship.

Intern
Avadhoot Project Pvt. Ltd.

06/2021 - 07/2021

Achievements/Tasks

- Designed and drafted components in 2D AutoCAD and Revit. Additionally sorted, organized, and maintained project files.

SKILLS

Java   Node.js   Python   R Programming
RDBMS   MySQL   MS Visual Code   Git
MATLAB   Power BI   Autodesk Revit
Microsoft Office   AutoCAD

PERSONAL PROJECTS

An Enhanced Bottom-Up Approach to Assist Catchments Vulnerability to Climate Change (ISSI-2022)

- The framework used in this paper identifies the vulnerable combination of climate (temperature and precipitation) that causes adverse conditions for an indicator of vulnerability such as depletion of water or less water availability.
- Generated multiple synthetic climate data through multiple algorithms (KNN-CAD, Synthpop) written in python which simulate the frequency and extrema event of the future climate.
- Leveraging R's data analysis capabilities, I employed the 'Classification and Regression Tree' algorithm to connect real-world climate data with potential susceptibility levels, simulated in MATLAB.
- Found the relationship between critical threshold (adverse conditions) estimates catchments' vulnerability to climate change by using 'R language'.
- Publication: Lecture Notes in Civil Engineering | Book series home (springer.com)

CERTIFICATES

Innovations in Smart and Sustainable Infrastructure (ISSI-2022)
https://certopus.com/c/960e048f7ce14a7f9a0af64a910e1937

Career Essentials in Data Analysis by Microsoft and LinkedIn

Project Management Foundation by LinkedIn Learning

KVS Regional Sports Meet Certificate of Participation (Badminton - State Level)

Soft Skills organized by NPTEL

Solar Energy Technologies (Capsule Course)

AutoCad 2022 Essential Training

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency