Shubham Vishwakarma

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GitHub LinkedIn PortFolio LeetCode HackerRank

OBJECTIVE

Enthusiastic civil engineering graduate with a passion for technology and a desire to forge a career in the IT industry with 1.5+ years of quality experience in SQL Server, Database design, Excel, Tableau, Statistics, Machine Learning, Tendor and Quotation Work.

EDUCATION

Advanced Data Science & AI Certification (LearnBay powered By IBM [Boot-Camp])
Year of passing: 2023 – 2024 (Currently Pursuing)

Bachelor of Education (Civil Engineering) Thakur College of Engineering and Technology
CGPA: 9.2
Year of passing: 2022.

Higher Seconday Education (HSC Class-12th) (Computer Science) Thakur College of Science & Commerce
Percentage: 77.84%
Year of passing: 2018

WORK EXPERIENCE

Business Analyst - (Alu Glass Systems) August 2022

- Database managing the necessary materials on the job site.
- Analyzing and projecting the accurate estimation of tendors' prices.
- Designing a building's interior using architectural software Google SketchUp and Revit.

ACADEMIC PROJECTS

'Website on NagarJuna Sagar Dam' Jun 2020 - Dec 2020

- Design and Developed dynamic website dedicated to Nagarjuna Sagar Dam, featuring an array of historical information and images pertaining to its construction.
- The website offers visitors a comprehensive insight into the dam's history and showcases its architectural evolution through visual media.

'Library Management System' Jan 2020 – May 2020

- As a component of my Undergraduate curriculum, took a mini-project focused on creating a Java-based library management system.
- The project involved utilizing MS SQL as the database platform, alongside the development of a Graphical User Interface (GUI) using Java's Abstract Window Toolkit (AWT).
- Additionally, the project incorporated principles of Object-Oriented Programming (OOPs) to ensure a structured and efficient design.

PROJECTS DURING BOOTCAMP

Database in MS SQL Server:

- The database project is concerned with developing and putting into operation a strong banking system that effectively manages customer accounts, financial data, and transactions.
- Customers are able to do a variety of banking operations online, such as deposits, withdrawals, transfers, and account enquiries, thanks to the system's secure user authentication and authorization.
- Overall, the database project increases banking operations' efficiency and security, which is advantageous to both clients and the bank itself.

Dashboard in Tableau:

- Data extraction from the SQL database, demonstrating capacity to integrate information from several data sources.
- Turned unintelligent raw data into perceptive visuals with this dashboard, facilitating informed decision-making and providing a deeper understanding of client preferences.
- Accomplishment highlights my proficiency in data processing and visualization techniques that I have learned during the bootcamp's coursework.

SKILLS

- Python [NumPy / Pandas]
- Data Visualization
- MS SQL , MongoDB
- Excel
- Tableau
- Power Bi
- Web development
- Flutter
- Data Structure/Algorithm
- Core Java
- Statistics

RESEARCH PAPER

Title: 'Image Colorization Using AI' Duration: Mar 2022 – Oct 2022
Team Size: 6
Description: An auto-encoder for image colorization. We employed feature extraction and merged it with a layer created by down-sampling the input layer. To sample and predict the color of the input image, we employed a convolutional neural network.

Author, co-author, "Shubham Vishwakarma, Vangala Bhanu Prakash, Abdul Mannan Khan, Sagar Sujith Somepalli, Rakesh Chigurupati and Pratham Shah" published in International Journal of All Research Education and Scientific Methods (IJARESM) (ISSN: 2455-6211, Volume 10, Issue 10, October-2022, Impact Factor:7.429)

Title: 'Utilization of Citrus-Enzyme in concrete as an Admixture': Aug 2019 – Oct 2023
Team Size: 4
Description: In my creative research project, I've developed a novel citrus enzyme admixture for concrete blocks, enhancing their strength, durability, and workability. This eco-friendly, biodegradable solution offers a sustainable alternative to traditional additives. Rigorous testing has demonstrated its significant impact on concrete's structural and mechanical performance, presenting exciting prospects for high-performance, environmentally friendly construction materials and improved sustainability in the building industry.

Author, co-author, "Shubham Vishwakarma, Karunesh Yadav, Vishal Yadav and Vinay Rawat" published in International Journal of Novel Research and Development (IJNRD) (ISSN: 2456-4184, Volume 8, Issue 10, October-2023, Impact Factor:8.76)

CERTIFICATIONS

- Single Page Web Applications with AngularJS (June – 2020)
- Flutter & Dart - The Complete Guide, Udemy (October-2022)
- Python for Data Science - LearnBay Provided By IBM (August- 2023)

EXTRACURRICULAR ACTIVITIES

- Participated in Pragati Competition organized by St. Francis Institute of Technology.
- MAKE A DIFFERENCE (MAD) NGO , Academic student volunteer.
- Engage in Multicon-W 2022, Professional Body Workshop on Introduction to Matlab.
- My team took part in the PUBG Esports Tournament at the Thakur College of Engineering & Technology, and my squad led it to the championship.