Shubham Vishwakarma

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OBJECTIVE

Enthusiastic civil engineering graduate with a passion for technology and a desire to forge a career in the IT industry with 1.1+ years of quality experience in architectural Software , Data Visualization , Sql , Tenders & Quotation Work.

EDUCATION

Advanced Data Science & AI Certification - LearnBay powered By IBM [Boot-Camp]   2023 - 2024
BE in Civil Engineering Thakur College of Engineering and Technology   2018 - 2022
CGPA: 9.2
Higher Seconday Education (Computer Science) Thakur College of Science & Commerce   2016 - 2018
Percentage: 77.85%

WORK EXPERIENCE

Data Science Intern - (Prodigy Infotech)   Sep 2023 – Oct 2023
- Creating a bar chart to visualize the distribution of a categorical variable, such as the distribution of ages in a population.
- Explore the relationships between variables and identify patterns and trends in the data and Performing Exploratory Data Analysis(EDA).

Data Science Intern - (Code Clause)   Sep 2023 – Oct 2023
- Worked on Credit Card Fraud Detection project.
- Perform basic data preprocessing in Python
- Model a classification task using the Scikit-Learn and Snap ML Python APIs
- Train Suppport Vector Machine and Decision Tree models using Scikit-Learn and Snap ML
- Run inference and assess the quality of the trained models.

Junior Engineer - (Alu Glass Systems)   Aug 2022 – Jul 2023
- 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.

PROJECTS

Open Source Contribution – Python Package   Oct 2023 - Ongoing
- A package consists of standard most used operations perform on LinkedList.

Dashboard Using Tableau: Sep 2023 – Oct 2023
- Data extraction from the database, demonstrating capacity to integrate information from 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.

Database Using MS SQL Server: Aug 2023 – Sep 2023
- 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.

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).

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.

ACHIEVEMENTS:
HackerRank : Problem Solving - 2 star | SQL - 5 star | Python - 5 star | Java - 4 star
LeetCode: 70+ Questions solved
GeeksForGeeks : 50+ Questions solved

SKILLS
Programming Language: Python, Core Java, Git, Html, PL/SQL
Database: SQL Server, MongoDB
Skills: Data Structure & Algorithm, Statistics, NumPy, Pandas, Matplotlib, Excel, ETL, Problem Solving, Machine Learning
Software: Visual Studio Code, Figma, Tableau, PowerBi

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: 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
- SQL By HackerRank   October – 2023
- Python Data Strutcure By Coursera   June – 2020
- 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.