Shubham Raj

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Data Scientist a *highly motivated and detail-oriented data scientist with a strong academic background in Btech and proven Python and SQL skills. I am eager to apply my statistical modeling, machine learning, and data visualization knowledge to contribute to a dynamic team—I am a quick learner with a passion for solving complex problems and a commitment to continuous professional development.*

Experience

JULY 2024

ACCENTURE NORTH AMERICA DATA ANALYTICS AND VISUALIZATION JOB SIMULATION ON FORAGE

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture

- Cleaned, modeled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions

- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

JUNE 2024

Walmart USA Advanced Software Engineering Virtual Experience Program on Forage - June 2024

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.

- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.

- Designed a UML class diagram for a data processor, considering different operating modes and database connections.

- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.

DECEMBER 2024

Complete Data Science, Machine Learning, DL, and NLP Bootcamp on Udemy – December 2024

- This Bootcamp covers a wide range of topics in data science, machine learning (ML), deep learning (DL), and natural language processing (NLP).

- It includes over 449 lectures and approximately 99 hours of high-quality content.

DECEMBER 2024

100 Days of Code: The Complete Bootcamp Pro Python Bootcamp on Udemy -June 2024

- This Bootcamp is structured to guide learners through a progressive journey in Python programming, starting from the basics and advancing to complex topics.
- It includes a mix of theoretical knowledge and practical applications, ensuring that students not only learn but also apply their skills in real-world scenarios

Projects

SEPTEMBER 2024 - ONGOING

AR LAB

XR-Based Educational App | Augmented Reality | Unity | C#

- *XR-Based Educational App | Augmented Reality | Unity | C#*
- Developed a standalone AR application that enables real-time, hands-on virtual chemistry experiments without physical lab equipment.
- Integrated 3D molecular visualization and interactive simulations to enhance conceptual understanding.
- Implemented real-time feedback, customizable learning paths, and curriculum alignment features for educators.

MARCH – JUNE

PhotoGenic

Full-Stack Web App | Flask | SQL | JavaScript | Cloud Integration

- Built a modern web platform enabling secure, drive-free file sharing and storage for photos, documents, and media content.
- Designed end-to-end encrypted sharing between users, families, and groups with smart collection views and access control.
- Implemented dynamic story generation and AI-driven captions/animations from uploaded photos for enhanced engagement.
- Developed cloud-native architecture to eliminate local storage dependency and ensure seamless scalability.
- Integrated interactive features like animated media, visual summaries, and social sharing to enrich user experience.

Skills

• C • C++ • Machine Learning • Python • SQL • HTML • CSS • Inferential Statics • Python Libraries • Tensorflow • Deep Learning • Augmented Reality • Team player • Excellent time management skills • Conflict management • Public speaking • Data Analytics

Education

MAY 2018

CENTRAL BOARD OF SECONDARY EDUCATION| NEW DELHI |

7.8 CGPA • 10th

AUGUST 2019
AURGUS ACADEMY |RANCHI
C

MARCH 2021
CENTRAL BOARD OF SECONDARY EDUCATION |NEW DELHI
6.3 CGPA • 12th

CURRENTLY ONGOING
Rajiv Gandhi Prodyogiki Vishwavidyalaya

7.5 CGPA • BTech, Computer Science

Social Network

LinkedIn:

www.linkedin.com/in/shubham-raj-899572314

GitHub:

https://github.com/shubhmrj