SHUBHANKAR SHARMA

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PROFILE

Passionate and highly motivated with 3 years of experience in software and IT business delivery, committed to creating business value by harnessing advanced statistical and machine learning techniques to make data driven business decisions. Demonstrates great communication, leadership skills specialized in a design thinking approach to problem solving, seeking roles to leverage analytical expertise on technical business challenges.

EDUCATION

Purdue University, Daniels School of Business   **West Lafayette, IN**
MS in Business Analytics and Information Management   **Aug 2023 – Aug 2024**
Academic Projects:

- Applied Data Mining techniques to predict the bankruptcy of a firm using SAS EM, leveraging advanced machine learning algorithms to achieve an accuracy of more than 90% on Kaggle Leaderboard.
- Utilized Google Cloud Platform to architect sophisticated Big Data pipelines, integrating batch and real-time data streams to train robust Machine Learning models and accurately predict stock prices and flight delays.
- Applied sophisticated data analytics and AI modeling techniques to predict the likelihood of 'Superhost' churn for Airbnb. Identified key factors influencing 'Superhost' retention, offering actionable insights and recommendations to Airbnb.
- Developed an advanced Web Crawler using Beautiful Soup and Selenium for data extraction and generated useful insights for digital marketing strategy and competitive analysis.
- Designed and implemented a real-time Database from scratch using MySQL for a Car Dealership in Lafayette which significantly enhanced operational efficiency and strategic decision-making for the client.

SRM Institute of Science and Technology   **Chennai, India**
Bachelor of Technology in Electronics and Communication Engineering, 78%   **March 2016 – March 2020**

PROFESSIONAL EXPERIENCE

Tata Consultancy Services   **Noida, India**
System Engineer – Software Developer   **July 2020 – July 2023**

- Led the design, development, and testing phases of impactful projects for the biggest pharmacy network in the US.
- Conducted detailed analysis with stakeholders to understand and incorporate user requirements effectively.
- Applied Design Thinking methodologies to craft user-centric solutions that meet client requirements and business objectives.
- Developed and maintained reusable technology components, contributing to increased efficiency and shorter project delivery times.
- Utilized advanced SQL skills in project environments to craft complex queries for table creation, data manipulation, and extraction of actionable insights from large datasets.

SKILLS

Skills: Python, SQL, Big Data Pipelines, Statistical Data Analysis, Dashboards, Web Scraping, Cloud Computing, Statistical Modelling, Machine Learning, AI, Natural Language Processing.
Certifications: Datacamp: Intermediate Python, Python Data Science Toolbox, AWS Certified Cloud Practitioner, Microsoft Certified Azure Fundamentals, Operations Research with SAS Optimization, Tableau Desktop Specialist, AWS Generative AI for Decision Makers, Agile Certified, Design Thinking.

LEADERSHIP ACTIVITIES, AFFILIATIONS, HONORS

- Dedicated over 700 hours to social work at a school for children with special needs, making a significant impact in their educational and personal development.
- Initiated and implemented canine-assisted therapy, a pioneering approach to aid children with physical disabilities.
- Successfully trained a team of special educators to switch to online mode of teaching during the times of COVID-19 preventing any loss of academic working days.