

SHIVARAMAKRISHNAN RAJENDRAN

+1-716-986-1720 | rajendr6@buffalo.edu | www.linkedin.com/in/shivaramakrishnan-rajendran

EDUCATION

Master's: Engineering Science Data Science, University at Buffalo, The State University of New York, December 2024

- Relevant Courses: Introduction to Probabilistic theory, Programming and Database Fundamentals for Data Scientists, Introduction to Numerical Mathematics for Computing and Data Scientists, Statistical and Data Mining - I

Bachelor of Engineering: Electronics and Instrumentation Engineering, EASWARI ENGINEERING COLLEGE | ANNA UNIVERSITY, August 2020

- Relevant Courses: Analytical Instruments, Industrial Instrumentation, Digital Signal Processing

SKILLS

- Programming Languages: SQL, Python, C/C++, C#, HTML, CSS, Javascript
- AI : Scikit learn, Pandas, and Numpy
- Software Methodology and Tools :Agile, JIRA, Confluence, Visual Studio
- Dashboarding Tools : Microstrategy, Power-BI, Tableau
- Areas of Interest: Data Analytics, Statistics, Machine learning

EXPERIENCE

Analyst - L1 (Data Science), Latentview Analytics, Chennai, Tamilnadu: May 2022 - March 2023

- Orchestrated design and development of an intuitive dashboard utilizing MicroStrategy and SQL, serving as a centralized hub for data-driven decision-making.
- Produced weekly and monthly analytical reports tailored for high-profile client in hospitality sector, thereby facilitating strategic planning and operational efficiency and real time insights.
- Used Alteryx to Automate the Python and Sql scripts which effectively saved 5 hours of manual work done weekly and delivered over 80 ad-hoc requests in improving the dashboard.
- Dashboard delivered the details of the regions which were subpar compared to their targets for the previous year to find areas of improvements in the regions resulting in \$105K additional enrollments.
- Spearheaded multiple client engagements and conducted stakeholder calls to proactively adapt the dashboard, resulting in a seamless and user-centric experience aligned with user requirements.
- Conducted an attitude study with 4 other team members, which led around 60% of current users to renew their memberships

Associate Software Engineer, Accenture, Chennai, Tamilnadu: November 2020 - May 2022

- Engineered a sophisticated web application for a retail client, harnessing capabilities of HTML, CSS, and JavaScript to deliver a seamless and interactive user experience.
- Implemented a robust security framework featuring role-based access controls and encryption protocols, ensuring secure and customized interactions for diverse user profiles within web application.
- Worked in Agile Development Methodology, developed and implemented a dynamic SharePoint website, streamlining internal activities, and optimizing content management; resulted in a 40% increase in organizational efficiency and collaboration.

CERTIFICATIONS

- Microsoft Certified Data Analyst Associate (Jan 2022 - Jan 2024)
- Data Science for Engineers- NPTEL
- Introduction to Statistics - Stanford University

PROJECT

Applied AI: Python

- Explanatory data analysis on Habermann's dataset: Performed Multivariate Analysis and inferred age and year of operation are the most significant predictors of survival status. Patients who had surgery during last few years are more likely to survive. Logistic Regression performed better when compared to other models.