

SAGAR RUDAGI

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EDUCATION

Masters in Computer Science (MCS) | Arizona State University, Tempe, AZ

Coursework: Data Mining, Data Processing at Scale, Data Visualization, Introduction to Deep Learning, Statistical Machine Learning

Bachelors in Engineering, Computer Science | BMS College of Engineering, Bangalore, India

Coursework: Python, Database Management Systems, Neural Networks, Big Data, Artificial Intelligence, Data Science using R

SKILLS

Technical Skills: Python, SQL, Exploratory Data Analysis, Data Visualization and Dashboarding, Machine Learning, Data Warehousing

Frameworks and Tools: Tableau, Looker, MySQL, Spark, Keras, Tensorflow, AWS, GCP BigQuery, Airflow, Microsoft Excel, Power BI

Certifications: Deep Learning Specialization, Google Data Analytics, Creating Business Value with Data and Looker, Google Cloud Professional Data Engineer (in-progress)

PROFESSIONAL EXPERIENCE

Local Grown Salads, Tempe, AZ | **Pro-Bono Work**

October 2023 - Present

SQL Developer

- Modeled an extensive Lucid **dataflow diagram** for the Farmer team, leveraging **SQL** expertise, collaborated with cross-functional teams to optimize data access and processing
- Prevented data siloing during pre-RDBMS phase by crafting PostgreSQL views on Odoo tables, enabling seamless data access to other teams

TE Connectivity Services India Pvt Ltd, Bangalore, India

August 2020 – July 2021

Data Insights and Analytics Engineer

Analytics

- Bolstered Cloud Migration Project from migrating 60-70% data to **AWS Redshift** resulting in 40% increase in query performance
- Tailored a real-time data-driven **demand planning Tableau dashboard** resulting in a 20% reduction in production costs
- Purged inaccuracies in 1M+ database records, achieving 98% accuracy through **MySQL, AWS Athena, S3**, and **Excel**-based data validation

DevOps

- Revolutionized validation efficiency with **Python automation and Excel**, achieving 99% time reduction and saving of 7 hours/day
- Administered **CI/CD pipelines** using AWS CodeBuild & AWS CodePipeline for continuous deployment of validated datasets
- Designed **Terraform** scripts to automate the provisioning of AWS, optimizing resource utilization and enhancing scalability

Docintosh, Mumbai, India | **Remote**

August 2019 – July 2020

Data Scientist

- Uncovered impactful patient trends in 10K+ records through targeted **data analysis**, driving a 20% readmission reduction
- Identified key drivers of **user engagement** on the Docintosh platform by analyzing interactions, leading to a 15% increase in platform usage and improved communication workflows
- Leveraged **A/B testing** to optimize Docintosh's health education feature, driving a 25% surge in patient engagement and enhanced treatment outcomes
- Spearheaded the development of interactive **Tableau dashboards**, visualizing platform engagement & activity (meetings, blogs, videos) for stakeholders fueling data-driven content & feature enhancements

Indian Institute of Technology, Kharagpur, India

May 2019 – July 2019

Data Analyst

- Employed statistical analysis and predictive modeling to assess the information asymmetry in NIFTY50 stock return patterns subject to dividend declaration dates
- Documented a comprehensive end-to-end procedure guide, detailing each phase and the corresponding results, ensuring process clarity and knowledge transfer

ACADEMIC PROJECTS

- Bellabeat Case Study:** Unveiled actionable insights from FitBit data, shaping Bellabeat's marketing to address user behavior.
- Blind Vision:** Blind Vision empowers the visually impaired with a Raspberry Pi-powered walking stick featuring object detection, voice assistant, location tracking, and remote monitoring, enhancing mobility and safety.
- Stock Trading Assist:** Leveraging LSTM networks, sentiment analysis, and AWS cloud infrastructure, "Stock Trading Assist" predicts stock prices with impressive accuracy and empowers investors with intelligent insights.