Sandheep Sridar

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EDUCATION

Texas A&M University   **College Station, TX**

Master of Science in Management Information Systems   *Graduation Date: May 2020*

TECHNICAL AND INDUSTRY SKILLS

Technical Skills: Python, SQL (Athena, MySQL), Tableau, Advanced Excel, Gitlab, Object oriented programming
Industry Skills: Commercial Insurance

WORK EXPERIENCE

Homesite Group Incorporated   **Seattle, WA**

Data Engineer   *Jul 2020 - Present*

- Conceptualized and led the design of a premium calculation tool, utilizing Python, managing the software development lifecycle, and GitLab for version control
- Created and implemented a re-usable SQL process for calculating policies on ISO rates to facilitate smooth book-roll of partner's policies
- Constructed datasets for predictive modeling projects, including Workers compensation and general liability products. Contributed to the creation of models for GL product, resulting in an improvement in company profitability
- Served as a liaison between multiple external vendors, collaborating on various analyses that resulted in an improvement in retention and an increase in the number of quotes received
- Designed and implemented a Python automation process for a monthly financial analytics report, reducing 80 hours of manual work
- Assisted commercial product development team and Analytics team members with V4 and V11 data inquiries, troubleshooting data issues
- Implemented version control using Gitlab, reducing errors and increasing efficiency in SQL-dependent projects by motivating the team to adopt a version control system
- Developed Tableau dashboards for retention monitoring and customer persistency

Cognizant Technology Solutions   **India**

Programmer Analyst   *Apr 2016 - Jul 2018*

- Developed and implemented automated billing interface for underwriters and agents, resulting in cost savings of up to $20,000 for Property and Casualty Insurance team
- Enhanced Specialty Insurance System, including adding support for California's wildfire, improving in-house payment processing systems, implementing multi-threading on existing projects to improve efficiency
- Analyzed large volumes of historical insurance data using SQL, identified trends and gaps, and led successful data migration for 10+ US states
- Provided offshore support for the Insurance Business Analytics team in Arizona, resolving technical and business queries using iSeries reporting tools and IBM DB2 SQL

LEADERSHIP

Monday Morning Exposure (Homesite Group)   **Seattle, WA**

- Provided technical guidance to junior developers by leading weekly exposure sessions focused on cross-training in SQL, Python, Tableau, and GitLab, conducting training sessions

PROJECT EXPERIENCE

Analytics application for entrepreneurs   *Oct 2019 - Oct 2019*

- Developed an analytics application using Tableau, Google Sheets, and Python for restaurant owners, providing insights on competition based on type of food offered and location, assisting them in making data-driven decisions