

Sushil Sharma.

Analyst - Catastrophic Modeling, Insurance, Actuarial, Data Sciences

Charlotte, NC

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Academically astute professional offering sound experience in leveraging information technology across different platforms in Insurance/Reinsurance, Financial Services, Data Science, Catastrophe Modeling; Expertise in providing value-added consulting solutions with a minimum level of risks.

Accented with a master's degree in Insurance, AINS (AICPCU), Certified Scrum Master (CSM), Certified Catastrophe Modeler (CCM), Certificate in Use Case Modeling (George Washington University), and ARE (Associate in Reinsurance), with distinction of achieving top positions throughout academic path

Sound knowledge of US Property & Casualty (P&C) Insurance Market, Annuity, Large Account Risk Pricing Tools, Reinsurance market, Business reporting, and Alternative Risk Transfer Tools

Willing to relocate: Anywhere

Work Experience

Consultant - Catastrophic Modeler, Property & Casualty Insurance

Insurance

February 2016 to Present

Ø Account and Portfolio Analysis utilizing Catastrophic (CAT) Modeling software: Risk Browser, Risk Link, and Touchstone for Earthquake, Windstorm, Flood, Tsunami, Fire and Terrorism models

Ø Preparing exposure data using complex SQL queries, Python, R studio, and Excel functions.

Ø Gathering and documenting requirements in an agile framework from Actuaries, Senior Underwriters and CAT modeling technicians for P&C exposure tool upgrades.

Ø Participating and preparing Functional and User Acceptance Testing with team of Actuaries and pricing experts

Ø Utilize different internal CAT tools to get Account modeling, Portfolio optimization, Pricing and Marginal impact numbers to track annual underwriting guidelines

Ø Using machine learning models to solve specific use cases of the actuarial and UW Dept (Python and R language)

Ø Enhancing data collection procedures to include information that is relevant for building analytic systems

Selecting features, building and optimizing classifiers using machine learning techniques

Consultant (Contract)

Cognizant Consulting

June 2015 to January 2016

Ø Prepared exposure data using complex SQL queries, Python, and Excel functions

Ø Involved in sprints that covered elaboration, configuration, and testing of the Guidewire PolicyCenter following an AGILE approach

Ø Represented Product Owner in Scrum meetings and assisting Scrum Master in smooth processing of scrums

Ø Hands-on experience in configuring Product/Policy Line Coverage, exclusion and feature design using Guidewire product designer.

Consultant - Business Systems Analyst Specialist

Hastings Mutual Insurance Company

April 2014 to May 2015

Responsibilities

- Worked with actuaries on loss estimation via different analytics platform.
- Created artifacts for RFP and worked with the core team in the vendor selection process
- Created cross-system data flow diagrams and swim lanes flowcharts to depict the integration dependency of other applications with Guidewire PolicyCenter
- Facilitated Guidewire workshops for Guidewire suite display-PolicyCenter, BillingCenter and Product Designer
- Gathered and documented requirement for modified OOTB stories for Workers Comp LOB
- Involved in Sprint that covered Elaboration, Configuration, and Testing of the Guidewire PolicyCenter following an AGILE approach
- Configuring coverages, exclusion and feature design using guidewire product designer

Senior Analyst

Accenture Consulting

August 2011 to April 2014

Clients - Zurich NA, Liberty Mutual, Allianz Insurance Germany

Responsibilities:

- Understand the processes flow and data flow of several internal systems for large account risk pricing and come up design to decommission several systems and redundant process
- Worked as a business analyst for requirements gathering and requirement engineering to accommodate all factors for risk rating, predictive modeling, reinsurance, risk modeling and scenario pricing with the help of Actuaries and product managers
- Used internal CAT tools to study modeling framework and exposure data prep process
- Prepared a series of functional designs for model and scenario for rating large risks
- Participated in sprint planning, story estimation, sprint planning, product, and sprint retrospective

Analyst

Dicetek Singapore

August 2010 to May 2011

Responsibilities:

- Gathered and documented requirement, prepared use cases, conducted gap analysis and prepared regulatory reports.
- Worked on system implementation and system configuration
- Documented business rule updates in policy, assumed, retro and accounting modules of reinsurance system
- Dealt with the regulatory requirement of reinsurance software

Senior Analyst (Property and Casualty Insurance/Reinsurance)

Computer Science Corporation

January 2006 to July 2010

Project - Property and Casualty insurance, Reinsurance Modules

POINT IN and SICSnt are tailored to the business requirement of property and casualty insurance, and reinsurance market providing customized business rules and with regular updates of rates and changes as per ISO revisions and statistic.

Responsibilities:

- Experience working in the Commercial Package Policy
- Played business analyst role in multiple projects and programs. Procured first-hand information from the clients & take into consideration most of the systems inquiry, functional spec, development, monitoring, testing life insurance and P & C insurance changes
- Gathered reporting requirement and generated reports using Microsoft SSIS and SSRS BI tool
- Implemented ISO rules, algorithm, rates, forms and routine revisions into the POINTIN system
- Statistical Bureau Reporting of the exposure and claims data
- Documented workflow enhancement requirement in SICSnt reinsurance system
- Worked on Point In claims systems of auto lob for MVR (motor vehicle reports) for North American risk services and responsible for business reporting

Education

Master's in Insurance and Actuarials

Skills

- PREDICTIVE MODELING (5 years)
- ACTUARIAL (6 years)
- BUSINESS INTELLIGENCE (4 years)
- PROCESS FLOW
- Powerchart
- Data Science (3 years)
- Python (4 years)
- R (5 years)
- SQL
- Excel
- access
- MS Office
- testing
- Microsoft SQL Server
- Business Analysis
- Agile
- Data Warehouse
- Scrum

Certifications and Licenses

Certified Catastrophic Modeler

Present

Certified ScrumMaster (CSM)

Present

Publications

Insurance Planning - ULIP Way

Portfolio Organizer

Additional Information

Core Competencies -

Insurance+ Actuarial analysis+ Catastrophe modeling + Predictive modeling + Data Sciences + Agile Methodology + Creating high-quality process flow diagram + Business reporting + Business intelligence tools