

Ravindra Siwach

Actuary and Data Scientist

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Technical Skills

Project Management

Agile Scrum Kanban

Stakeholder management

Strategic planning and organisation

Actuarial Analytics & Software

Technical & Market Pricing

Leakage (TP/AP) X-Subsidy

Lapse & Retention Analysis

Competitive Benchmarking

Profitability Analysis Telematics

Credibility Modelling Optimization Reinsurance

IFRS17

Classifier SolvencvII Emblem

Radar Akur8 Res₀

Data Science

Reserving

Machine Learning Deep Learning Dashboarding Web Apps ETL/ELT Python SQL PowerBI Docker SAS git DevOps **MLOps** CI/CD

Highlights

- Proven leader experienced in managing culturally diverse interdisciplinary teams.
- Effective communication, networking and stakeholder management skills.
- Experience across personal, commercial and specialty lines with a deep knowledge of P&C pricing and analytics.

Professional Experience

Vice President, Risk Consulting & Analytics

Swiss Re

Dec 2023 - Present

Singapore

- Originate, scope, plan and deliver pricing and analytics projects as the lead for Southeast Asian markets, responsible for two million USD in revenue.
- Build and foster strong relationships with clients to understand their needs and develop solutions to address these.
- Develop new analytics and strategic consulting offerings for retail, commercial and specialty lines in the region.

Senior Actuarial Data Scientist Pricing Actuary, Global Specialty Insurance

Great Lakes Munich RE

Oct 2022 - Nov 2023

Munich, Germany

- Actuarial data science lead and data steward for Great Lakes business.
- Pricing, portfolio monitoring and competitive benchmarking analytics to manage exposure, maintain oversight and improve profitability & market share.
- Day1 pricing and product strategy for Insurtech MGAs to successfully launch SME Casualty products in European markets.
- Lead M&A actuarial due diligence and financial planning.

Project Manager, Senior Actuarial Data Scientist

Aya

Oct 2018 - Sep 2022

Cologne, Germany

- Lead interdisciplinary teams of actuaries and data scientists for P&C pricing, analytics and a company-wide transformation project.
- Engineer robust test-driven data and modelling pipelines and frameworks to improve accuracy and efficiency.
- Train and mentor actuaries on Python, git and other analytics methods and tools to improve collaboration and technical skills.
- Develop Python tool with reinsurance team for accurate IFRS17 reporting.

Senior Consultant

Deloitte

Apr 2018 – Sep 2018

Cologne, Germany

- Lead technical development of initial P&C pricing offering.
- Support IFRS17 implementation for client through edge cases research.
- Develop R tool to analyze and validate actuarial reserves.

Senior Actuary and Data Scientist

Generali

Sep 2013 – Mar 2018

Trieste, Italy & Munich, Germany

- Develop analytics tools in Python and R to support actuaries in pricing, portfolio monitoring, and competitive benchmarking for retail and commercial lines.
- Design company's first telematics motor insurance product in Germany.
- Implement underwriting control model for SME products to identify pricing gaps.
- Train and mentor actuaries on P&C pricing and analytics tools and best practices.
- Develop technical price and portfolio monitoring blueprint for streamlined processes and best practice sharing amongst group entities.
- Review and validate group entities' projections and plans.

Market Research and Business Development Analyst

Feb 2007 - Jul 2009

Evalueserve Gurugram, India

Senior Business Associate

Vertex

Oct 2004 - Feb 2007

Gurugram, India

Ravindra Siwach

Actuary and Data Scientist

Soft Skills

Goal driven Detail oriented

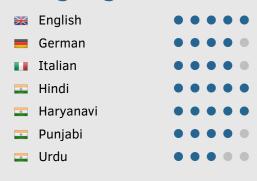
Effective communication

Resilience Collaboration

Creating new alternatives

Problem solving

Languages



Interests -

Puzzles Modern Tech Basketball
Languages, Dialects and Accents
Cooking Backpacking

Education

Master in Insurance & Risk Management 2013 – 2014

- Graduated with Honours. Grade: 8.89/10.

MIB School of Management

Trieste, Italy

5.89/10.

Institute and Faculty of Actuaries

UI

Actuarial Exams 2011 – 2012 - CT1, 2, 3 and 7

Actuarial Exams 2009

- Exam P - Probability, Grade 9/10

Society of Actuaries

Trainings and Coursework

- Agile project management using Scrum and Kanban
- Deloitte University IFRS17 bootcamp
- SAS institute training for IFRS17 software
- Process mining with Celonis Training and Hackathon
- Willis Towers Watson pricing suite
- Health Insurance Product, Pricing and Reserving
- Various online courses on R, Python, ML, Data Science and Data Engineering.

Volunteering

Caritas Cologne, Germany

- Assisting immigrant children with English and Maths schoolwork and providing exam preparation support.