

# Ravindra Siwach

#### Vice President

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## **Technical Skills**

#### **Project Management**

Scrum Kanban Agile 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

SolvencyII **Emblem** Classifier

Radar Akur8 Res<sub>0</sub>

#### **Data Science**

Reserving

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

### **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 and Senior Actuary**

**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** 

**Senior Business Associate** 

Gurugram, India

Oct 2004 - Feb 2007

Vertex Gurugram, India

# Ravindra Siwach

Vice President

## Soft Skills

Goal driven Detail oriented

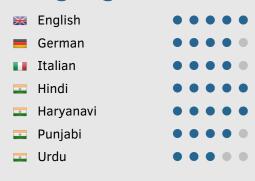
Effective communication

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

MIB School of Management Trieste, Italy

- Graduated with Honours. Grade: 8.89/10.

**Actuarial Exams** 

Institute and Faculty of Actuaries

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2011 - 2012 - CT1, 2, 3 and 7

Society of Actuaries

**Actuarial Exams** 2009

- Exam P - Probability, Grade 9/10

## **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.