Ravindra Siwach

Vice President

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- in ravindrasiwach

Technical Skills ——

Project Management

Agile   Scrum   Kanban

Stakeholder management

Strategic planning and organisation

Acturial Analytics & Software

Technical & Market Pricing

Leakage (TP/AP)   X-Subsidy

Lapse & Retention Analysis

Competitive Benchmarking

Profitability Analysis   Telematics

Credibility Modelling   Optimization

Reserving   Reinsurance   IFRS17

SolvencyII   Emblem   Classifier

Radar   Akur8   ResQ

Data Science

Machine Learning   Web Apps

Dashboarding   ETL/ELT   Python

R   SQL   SAS   git   PowerBI

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 specially for casualty business.

Professional Experience

Vice President, Reinsurance Solutions, SE Asia   **Swiss Re**
Dec 2023 – Present   *Singapore*
- Originate, scope, plan and manage pricing and analytics projects as the lead for Southeast Asian markets, responsible for two million USD in revenue.
- Build and foster strong relationships with both internal and external stakeholders to understand their needs and develop solutions to address these.
- Develop new analytics and strategic consulting offerings for commercial and specialty lines in the region.

Senior Actuarial Data Scientist   **Great Lakes**
Pricing Actuary, Global Specialty Insurance   **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   **Axa**
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 Property and Casualty lines.
- 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   **Evalueserve**
Feb 2007 – Jul 2009   *Gurugram, India*

Senior Business Associate   **Vertex**
Oct 2004 – Feb 2007   *Gurugram, India*

Ravindra Siwach

Vice President

Soft Skills ————

Goal driven | Detail oriented

Effective communication

Resilience | Collaboration

Creating new alternatives

Problem solving

Languages ————

🇬🇧 English ●●●●●

🇩🇪 German ●●●●○

🇮🇹 Italian ●●●●○

🇮🇳 Hindi ●●●●●

🇮🇳 Haryanavi ●●●●●

🇮🇳 Punjabi ●●●●○

🇮🇳 Urdu ●●●○○

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

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

Institute and Faculty of Actuaries
UK

Actuarial Exams
2009
- Exam P - Probability, Grade 9/10

Society of Actuaries
USA

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.