

# David J. Sokol

(Contact details omitted – check the website / email me)

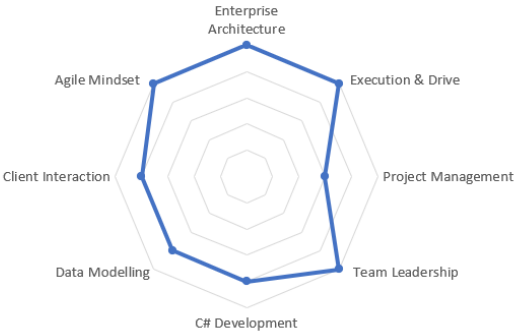
## LEADERSHIP IN ARCHITECTURE, PRODUCT AND ENGINEERING/DEV

### Objective

Leadership role in fintech & re/insurance technology solutions, helping design, build and run software that has real world impact.

### Summary

Focused individual delivering high quality and sustainable software to meet business needs. Skilled in re/insurance solutions with experience on both the underwriting and claims administration side. Adept problem solver and able to get to the root of a business challenge quickly and translate that into a technical solution. Pragmatic use of architectural principles, documentation, and bringing a product-first mindset to an engineering team. Has built software and teams scaled from 50 users / 5 devs to 300 users / 15 devs. Collaborates at an executive level to create roadmaps, targets, and platforms. Provides drive to teams and loves to teach / lead by doing. Believes in execution and has a long history of bringing projects to completion. Domain Driven / event driven design expert, and more experience than usual at being an archeologist and working with legacy systems. Has built systems handling premium volume over 10BN USD GWP per year.



Key Skills			
Architecture	Leadership	SDLC	Technical
<ul style="list-style-type: none"><li>Domain Modelling</li><li>Visioning Workshops</li><li>Deriving Executive Goals</li><li>Technical Presentations</li><li>API Structure</li><li>Platform Design</li><li>Vendor Selection</li></ul>	<ul style="list-style-type: none"><li>Direction Setting &amp; Maintenance</li><li>Building excitement &amp; energy for projects</li><li>Kaizen / Continuous Improvement mentality</li><li>Passion for software</li><li>Interpersonal &amp; technical problem resolution</li></ul>	<ul style="list-style-type: none"><li>Build Server Config / GitHub Actions / TeamCity</li><li>Ticket Integration</li><li>JIRA / Atlassian stack of Products</li><li>TFS Azure</li><li>Unit Testing / QA / Integration Testing</li><li>Audit, Risk and Standards Creation</li></ul>	<ul style="list-style-type: none"><li>C#, VB.NET, C++, C, SQL, FORTRAN</li><li>Data Modelling</li><li>SQL Server / Oracle</li><li>AWS / Azure</li><li>VBA, Excel, R, Python</li><li>Visualization</li></ul>

### Motivators

- Bringing change to teams that leads everyone in the right direction.
- Working with the business users who directly benefit from the right software solution.
- Applying technology where it is relevant and valuable – sometimes the simple solutions work best.
- Optimizing solutions and performance with appropriate ROI.

### Professional Experience

**Senior Software Engineer** 04/2024 to Present

**Arch Reinsurance Ltd.** (Bermuda)

- Led transformation of post-bind accounting system to more modern technology.
- Worked in across Product, Engineering, and Team Lead roles managing a diverse array of stakeholders.

- Other duties as assigned.

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**Vice President, Information Technology, 03/2019 to 08/2023****Renaissance Reinsurance (Bermuda, US)**

- Managed the IT systems used for Risk Selection and Deal Management
- Built technical and product roadmaps to guide implementation.
- Maintained budget and forecasts for the portfolio - managing spending on external vendors and independent contractors.
- Designed and built exposure managements systems to manage policy and coverage information at insurance and reinsurance scale - for Property, Casualty & Specialty exposures.
- Evaluated potential scaling partners and new vendor solutions to integrate with internally developed products (buy vs build).
- Rebuilt front-end of core analysis pricing engine from legacy tech to public cloud-based on AWS.
- Performed as an interim product manager on several teams during re-organizational period.
- Worked with other leaders to shape the agile management process in the organization.
- Ensured that insurance and reinsurance lines did not develop into silos through architectural oversight and review.
- Managed the architectural Solution Design Authority (SDA) for the Deal Management and Analysis and Exposure Management domains.

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**Assistance Vice President, Information Technology, 03/2016 to 03/2019****Tokio Millennium Re (Bermuda)**

- Headed up the Risk Analysis software development team - building the next generation of Deal Management and Pricing for our Underwriters.
- Founding member of the TMR Architecture Team, building the principles of our technology & software selection.
- Delivered transformational system change for an integrated Underwriting and Pricing Tool
- Implemented algorithms to price/steer the TMR portfolio together with the Steering Committee.
- Managed a medium-sized team of developers (5 to 9) to enable new operational processes.
- Participated in many IT system-replacement projects, evaluating different COTS products for cost savings.
- Administered JIRA & Confluence for the organization - building a knowledge repository and an efficient development workflow.
- Worked with key stakeholders in the Pricing, Underwriting, ERM, Capital Solutions, and Actuarial Departments, and fostered cross-communication.
- Helped create the vision for the future of change delivery.
- Got single-deal reinsurance pricing run-time down from 3 hours to about 10 seconds!
- Delivered a new integrated CAT + NonCAT (Specialty/Casualty/Property/Property Catastrophe) tool that allowed analysis of correlated risks across all lines.
- Designed, wrote, and implemented software development guidelines.

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**Senior Software Developer, 01/2013 to 03/2016****Tokio Marine Technologies (Atlanta, GA)**

- Designed reporting solutions for C-level executives and portfolio management.
- Worked on a team to design a next-generation pricing platform.
- Developed skills in program and project management.
- Focused on problem solving and managing difficult resources.
- Mentored new developers in development and company best practices.
- Maintained operations for the production environment, triaging issues stemming from hardware and custom software.
- Managed external contractors and project budgets related to maintaining IT Operations.
- Administered an on-premise JIRA instance, serving 6 sites across 4 continents.

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**Lead Software Developer, 01/2011 to 01/2013****Tokio Marine Technologies (Atlanta, GA)**

- Developed applications in C#, VB.NET, and Microsoft SQL Server.
- Performed project-manager duties for software projects totaling about 1 million in revenue.
- Led a company-wide implementation of JIRA over previous bug tracking software.
- Participated in several committees to develop a Software Development Standard and Project Management Standard.
- Actively recruited new developers to the company and mentored them.

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**Software Developer, 06/2008 to 01/2011****Tokio Marine Technologies (Atlanta, GA)**

- Primarily developed web and WinForms applications using the Microsoft stack.
- Spearheaded change from VSS6 to TFS.
- Implemented first build server at company.
- Worked directly with users gathering requirements for insurance and risk-analytics based applications.
- Converted legacy code in FORTRAN, COM, and C to x64 (both managed and native)

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**Previous Jobs**

- Co-founder – Cridion, LLC – 01/2009 to 02/2011
- Software Developer – CogentWare – 03/2007 to 06/2008
- Student Technician – Georgia Southern University – 12/2003 to 05/2008
- Summer Intern – Akzo Nobel Chemicals – Summer of 2003 & 2004

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**Awards / Certifications**

- Georgia Southern Computer Science Student of the Year, 2008
- ACM Programming Contest – Second Place
- Microsoft Certified Professional