

Dr. Sebastian Wedeniwski

Chief Technology Strategist, Standard Chartered Bank

Date of birth: October 17, 1971
Nationality: German
Marital Status: Married, 5 children
Languages: German (native), English (full professional proficiency)



Dr. Sebastian Wedeniwski is the Chief Technology Strategist at Standard Chartered Bank. He joined the Bank in April 2017 and is based in Singapore. In this role, he is instrumental in defining and implementing the Bank's digital and innovation agenda.

Prior to joining Standard Chartered, Sebastian was an IBM Distinguished Engineer and the Chief Technology Officer for IBM's global Industrial Sector and started his career at IBM Research & Development Laboratory Germany in 1998. Sebastian was from 2014 to 2016 on an IBM International Assignment in Japan.

Sebastian has more than 24 years experience in the IT and 15 years in the automotive industry. He is passionate in leading the architecture for the digital transformation across industries that address connected lifestyle experiences. Sebastian has a strong reputation recognized globally within and outside IBM as a member of IBM's Technology Leadership Team, IBM Academy of Technology Leadership Team, and the IBM Industry Academy.

Sebastian published the book "The Mobility Revolution in the Automotive Industry: How not to miss the digital turnpike" in different languages describing the impact of Internet of Things on global industries. His book provides guidelines for strategic development of critical new business competencies in the automotive industry. The book "My Cognitive autoMOBILE Life: Digital Divorce from a Cognitive Personal Assistant" provides the trends and technologies in the automotive industry as it moves from a connected vehicle to a cognitive vehicle and how automotive manufactures facing the market shift from an organizational-centered to an individual-centered economy.

Before joining IBM Research & Development Laboratory Germany as chief IT architect for payment systems in banking environments in 1998 he managed and owned two software development companies.

He graduated (Associate's Degree/Diploma) both in Mathematics (Cryptography) and Computing Science (Computational Mathematics) in 1997 and received his Doctorate Degree in Mathematics (Number Theory) from the University of Tübingen in 2001. Between 1998 and 2005 he set many mathematical computation world records and led the project ZetaGrid which was the first large distributed computation grid within IBM connecting 11,000 systems. In 1993 he was winner at the 12th German Nationwide Contest for Computing Science (BWINF).

Sebastian is a member of the International Association of Software Architects (IASA) and Association of The Open Group Enterprise Architects.

Major Projects leading into business impact

- 2017 APIs as an enabler for the Bank's transformation journey in 65 markets across Retail, Private Bank and Wealth Management, Corporate and Institutional Bank, Commercial Bank, and Functions (Finance, Compliance, Risk). The Houseview as an open engagement platform on latest technologies, digital economy, and

technology community to promote the engineering excellence across internal and external channels.

- 2011-2017 technically leading the global Automotive Industry Solutions in the areas Telematics, Connected Vehicle, Industry 4.0, Big Data & IT modernization in Automotive Industry. Global Manufacturing Transformation. 2014-2016 realized automotive business in Japan (Toyota, Denso, Honda, Nissan, Mitsubishi, Mazda, Komatsu).
- 2008 Outstanding Technical Achievement Award for standardizing IBM software across all business units at Daimler globally. Started 2002 to build the Automotive Common Environment “Pro-Active Infrastructure”.
- In 2008 founded and led the partnership initiative ‘Auto Mobility Platform’ at Daimler that realized IBM software and service business operating car2go, Mercedes Me, MBconnect.

Major Innovations 2014/2015

- 2014 major Outstanding Innovation Award on "Automotive Cloud platform enabling new business models in Automotive Industry."
- Computerwoche Best-In-Cloud-Award 2015 with Daimler for "moovel/car2go - New Operating Model."
- Invention Plateau Award with patents filed for automotive solutions, e.g. vehicle recommendation based on personalized language, fleet system to dynamically link ad-hoc communication.

Professional History

From	To	Company / Organization	Job Title	Role Summary
04/2017	Present	Standard Chartered Bank	Chief Technology Strategist	Chief Technology Strategist defining the Bank’s technology and data strategy to drive the Bank’s digital and innovation agenda.
06/2014	03/2017	IBM Automotive Industry	IBM Distinguished Engineer, CTO Automotive Industry	Chief Technology Officer for IBM Automotive Industry. Leading the technical strategy for data-centric business models and connected vehicles to create new solutions to address the physical and virtual mobility demands of the industry.
07/2009	06/2014	IBM Integrated Account Daimler	IBM Distinguished Engineer, Global Client Technical Advisor Daimler	Lead IBM global team of technical architects supporting global Daimler operations, strategy and planning.
01/2006	07/2009	IBM Integrated Account DaimlerChrysler	Client IT Architect and Technical Advisor DaimlerChrysler	Lead IBM global team of technical architects supporting global Daimler operations, strategy and planning.
01/2003	12/2005	IBM Business Consulting Services	Chief IT Architect for Technology Integration at DaimlerChrysler	Assignment to design and implement the Pro-Active Infrastructure (PAI) at DaimlerChrysler as part of the global automotive Industry Solutions – Automotive Common Environment (ACE).

From	To	Company / Organization	Job Title	Role Summary
06/1998	12/2002	IBM Development Lab Böblingen	Senior development-team leader and chief architect	Working jointly with IBM Lab Boeblingen and IBM Global Services – Business Innovation Services. Assignment to create advanced payment document processing assets in banking environments – working with banks including Commerzbank and Bank Austria.
10/1997	02/1998	Rensselaer Polytechnic Institute, USA	Research Associate	Researcher in the field of Practical Computer Science at Rensselaer Polytechnic Institute, Department of Computer Science, USA.
10/1996	04/1998	University of Tübingen, Germany	Scientific Assistant	Instructor and Research Assistant in the field of Practical Computer Science.
04/1993	12/1998	Software development companies “Piologie” and “HiPiLib”	Founder and president	The company “Piologie” focused on software solutions for building trade with the largest business partner Meva Schalungs-Systeme and the international projects MaPos and MevaCAD. The second company “HiPiLib” was focused on deep algorithmic software solutions for cross-industry solution deployment. The largest business partners were Compaq for a complex arithmetic library and I&T Entwicklungs-GmbH for a solution to reduce the complexity of cables in automobiles and airplanes.
06/1985	04/1993	Miscellaneous activities	Software Developer	Designing and developing various software solutions for different companies (Fortuna, Daimler Benz, Behindertenanstalt Stetten, and Förster&Scharf). First four years working (with some assistance) only for Fortuna GmbH for a computer-controlled programming system with interactive graphic simulation for the grinding of non-cylindrical work pieces. In 1991, developing for Daimler Benz test procedures for motors.