

# Milan BUCHMAN, MSc.

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## SUMMARY

Forward-thinking and results-oriented CEO & project leader with 30 years of experience in software engineering with a proven track record in leadership and project management for a Japanese market. Proficient in executive IT and HR management, as well as hands-on design and development of marketing & presentation strategies. Fluent in speaking and writing Japanese with a deep knowledge of Japanese corporate culture.

## WORK EXPERIENCE

**President & CEO, Engineering Systems Solution Slovakia Ltd., Bratislava, Slovakia** **Sep 2002 – present**

With very stable development team (employee retention 90%+) and outstanding communication skills, my team was able to significantly reduce the development cost for our Japanese owner and as a **NTT Data Group member** implement the latest cutting-edge technologies into their products.

Effectively managed and oversaw a team of about 10 employees to accomplish corporate goals such as:

- Led numerous projects specialized in CAD/CAM software solutions based on ACIS, HOOPS, JTToolkit and on Product Lifecycle Management (PLM) services.
- Developed a novel AI method for CAD data annotation to reflect required changes in the position, orientation, and size of the annotations based on specially defined rules.
- Created a new automation functionality for tanker construction software to significantly reduce labor costs by being able to better plan work and visualize each section allowing for multiple parallel workstreams and enable to display and inspect ship visual data using VR hardware.
- Built a 2D and 3D visualization software and special graphical applications for handling large-scale digital mock-up data with focus on shipbuilding also optimized for tablet devices.
- Established a new methodology for automatic identification of tool wear defect using AI convolutional neural networks.

**Principal Software Engineer, Self-employed, Bratislava, Slovakia** **Jan 2000 – Sep 2002**

- Continued software development for Hitachi Zosen Information Systems Ltd. in preparation for Ltd company creation.

**Senior Software Engineer; Hitachi Zosen Information Systems Ltd. Tokyo, Japan** **Sep 1992 – Dec 1999**

- As an integral part of a cross-functional team of developers for computer-aided design systems (CAD), computer-aided manufacturing systems (CAM), computer-aided engineering systems (CAE) & computer-integrated manufacturing systems (CIM) led various projects primarily related to improvement of quality in data exchange between various data formats (IGES, STEP, JT etc).

## EDUCATION

**Slovak Technical University, Faculty of Mechanical Engineering, Bratislava, Slovakia** **1983-1988**

- Bachelor & Master of Science - Thesis Title: Thermal & Nuclear Machinery and Equipment

## HONORS & AWARDS

NTT Data certification of Global Security Policy internal auditor **2012**  
Internal auditor of information security management system (ISO 19011 & ISO / IEC 27001) **2011**  
Implementation of STEP Translators, STEPTools, USA **1997**  
Japanese Language Proficiency Test Level 4 and 2, Tokyo, Japan **1994 & 1995**