Ralf Ulrich Garbe

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Senior Enterprise Architect, *managing evolution of complex IT systems to keep them interoperable, secure and relevant. Driving digitalisation to build and scale business values. Leading diverse teams to develop and maintain solutions. Decision maker taking responsibilities based on agreed programmes and principles. Solution oriented senior IT engineer and manager with high social competencies and 25 years of experience.*

Skills

- Strategic Thinking
- Technical Expertise
- Business Acumen
- Communication and Leadership
- Analytical and Problem-Solving
- Quality and Security Minded
- Lead Diverse Teams
- Agile Provision of Solutions
- English Language Skills

Expierence

Head Engineering and Enterprise Architecture
Dec 2018 – today – NATO, Brussels – International Organisation

- Lead IT enterprise architecture (business, information, system architecture)
- Lead IT services development and integration
- Lead IT services lifecycle management
- Lead technical evolution and resource planning
- Identify future technology strategies
- Lead diverse teams

Head Information Assurance and Cyber Defence
Sep 2004 – Nov 2018 - NATO, Brussels – International Organisation

- Lead security aspects of complex IT systems
- Analysis of business issues, potential risks, prioritisation and mitigation
- Update and modernisation of security policy, processes and technical solutions
- Advise senior management
- Lead diverse teams

Education

MASTER OF SCIENCE INFORMATION TECHNOLOGIES - 1996
University Karlsruhe Institute of Technology, Germany

Professional Trainee - 1998
Ministry of Defence, Logistics and Procurement Agency (BWB), Germany

| 1 August 1999 – 31 August 2004 | **System Engineer** |
| | IT Amt Bundeswehr (part of German Ministry of Defence), Koblenz, Germany – National provided to: NATO BICES Agency, Boulevard Leopold III, 1110 Brussels, Belgium |

- Network engineering
- Application engineering
- Information Security activities
- Accreditation support
- Staff supervisory and management tasks.

Business or sector Government Agency, information technologies

| 1 February 1999 – 31 July 1999 | **Deputy Head of Computer Centre** |
| | Bundesamt für Wehrtechnik und Beschaffung (BWB), WTD 61, Manching, Germany |

- Oversight and execution to run, maintain and improve a mid size computer network.
- Represent the Head of Computer Centre during his absence.
- Procure and develop the computer system.

Business or sector Government Agency, Defence

| 1 May 1998 – 31 January 1999 | **Aviation Prototype Testing Engineer** |
| | Bundesamt für Wehrtechnik und Beschaffung (BWB), WTD 61, Manching, Germany |

- Prototype testing for aviation technologies. Review and assessment of reconnaissance technologies in aviation systems including the full spectrum of electromagnetic waves (optical, infrared, radar).

Business or sector Government Agency, Defence

| 1 May 1996 – 30 April 1998 | **Professional Trainee** |
| | Bundesamt für Wehrtechnik und Beschaffung (BWB), Koblenz, Germany |

- Professional trainee for qualification as civil servant in senior service, with emphasis on military electrical and information technologies.

Business or sector Government Agency, Defence

| 1 September 1990 – 31 January 1996 | **Master of Science Information Technologies (Diplominformatiker)** |
| | Universität Karlsruhe, Germany |

- Computer Science (Mathematics, Logic, Algorithms, Physics, Integrated Circuits, Assessment of Complexity)

PERSONAL SKILLS

| Mother tongue(s) | German |
| Other languages | English: Proficient in Speaking, Writing and Understanding |

| Social skills | Appreciation of fairness, equity and dignity. Ability to establish and maintain good working relations with people of different national, cultural and educational backgrounds – iow diverse teams. Share relevant information with key stakeholder regularly and appropriately. |

| Organisational / managerial skills | Attention to details, analytical approach, focus oriented, priority driven, taking responsibilities, following higher level guidance/policy, balanced, multi tasking, innovative |

| Technical skills | Core understanding of physical, mechanical and electronic matters. |

| Computer skills | Programming, using vulnerability assessment tools, using office applications (word, excel, visio, outlook). |

| Other skills | Reliable, tolerant, logical skills, physical understanding, endurance |

| Driving licence | Car, Motorbike, Truck |