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Martin Borriss

Work Experience

2019-2024	**DHL HO**	**API Architect**	**Bonn, Germany**

I contributed to the early growth phase of a DHL Group-wide API program based on Google Apigee. I acted as customer success lead and was responsible for the migration and modernization of the API portfolio of the Post&Parcel unit. As a result, almost 100 million daily customer and partner calls and a very significant part of the revenue are now handled through the API platform. Furthermore, I drove standardization and harmonization aspects of the Group's overall API portfolio. Lastly, I acted as technical authority and implemented blueprints for SOAP-REST transformation at the API layer and for multiple AuthZ&AuthN flows.

2011-2019	**DHL HO**	**Technical PO**	**Global**

Responsible for the full life cycle of a number of global projects of the eCommerce unit. This includes project initiation, managing scope, solution design, project methodology and setup, growing the development team, day-to-day management, stakeholder communication, releasing to production. Projects include:

Global APIs
Evolution and exposure of key business functionality via global APIs. Established cutting edge non-functional characteristics (response times, distribution, scaling, fail-over. 2017-2019 Prague, CZ with additional teams in Malaysia, India, Germany, US.

Integration platform
Explicit ESB/SOA-style integration hub to integrate backend applications and exposure of their functionality through RESTful API internally and externally. 2014-2017. Prague, CZ.

Compliance system
Restricted party screening of parcel recipients. Based on Webmethods Java container, BPM and workflow engines, screening backend. 2013-2014. Prague, CZ.

2012-2019	**DHL HO**	**Architecture Head**	**Bonn, Germany**

I initiated, evolved and led the global architecture function for the eCommerce unit. I was responsible for technical aspects of the overall landscape, alignments with regional stakeholders, alignments with divisional and group-level bodies. Examples include a common A2A- and B2B-integration approach, evolution and communication of technical roadmap, mentoring and support.

2007-2010	**DHL US**	**Technical PM**	**Atlanta, GA, US**

Primarily, I was responsible for the implementation and integration of a transportation management package (Oracle TM) for the US domestic transportation business.

1999-2006	**DHL IT**	**Principal Architect**	**Dresden, Germany**

During that timeframe I managed a number of development projects (Java EE based), and supporting as IT consultant several divisions of DHL at different locations.

1995-1998	**TU Dresden**	**Research Assistant**	**Dresden, Germany**

Member of the RTOS research group. Contributed to L4 μ-kernel based research (Linux on L4 μ-kernel, implemented pthreads API on L4).

Education

1999	Ph.D. thesis work[1] at Technical University Dresden, CS department, Operating Systems Chair. Designed and implemented ATM based networking stack capable of QoS guarantees[2].
1994-95	Non-degree graduate student at Rensselaer Polytechnic Institute, Troy, NY. Grant by Dresdner Bank AG. GPA 4.0.
1989-1994	M.Sc. (Diplom-Informatiker) at Technical University Dresden. Thesis on Queuing systems.

Projects and Interests

2000	Chess Program *Gullydeckel*[3].
-	Broad interests currently ranging from competitive programming and software project management to IT management and enterprise architecture.

Selected Publications

[1]   M. Borriss, *Operating System Support for High-Speed Commu-nication*, Shaker Aachen 3-8265-6827-3,1999.

[2]   M. Borriss and H. Härtig, *Design and Implementation of a Real-Time ATM-Based Protocol Server*, 19th IEEE Real-Time Systems Symposium, Madrid, 1998. Available from `http://borriss.com/pdf/rtss.pdf`.

[3]   Available from `https://github.com/borriss/gully.git`