

Boran Gögetap

customized curriculum vitae

see data-driven, interactive version at
<https://bogo.observablehq.cloud/1/cv>
for more details

1. Content Filter

selected CV elements:

Skill Sailing Coaching ConfigManagement KnowledgeManagement
EnterpriseArchitecture ServiceManagement SwEngineering Visualization
ARIS Paragliding Cpp _3DS AutoCAD CDK Java3D JavaEE Javascript
KTS Graphviz Jira ServiceNow ObservableHQ



boran@goegetap.name

🇬🇧 English: fluent, professional
🇩🇪 German: native
🇫🇷 French, Italian, Spanish: basic

Sailor, Alpinist, Pilot 🧢

Knowledge Manager,
Product Owner,
Scrum Master,
ITIL V3 Expert 🧢




born 1969 (age 55)

2. Tabular View





Client / School	Start	End	Project / Product	Description	Skills involved
	2023		Emotional Intelligence	workshop to manage anxiety in potentially stressful situations see https://observablehq.com/@bogo/angstbewaeltigung Boran contributes as Coach	Coaching
Wissenswandler	2023 → 2024		Timelines	developing an Ontology, markdown syntax and visual language to map shared events between entities along large timespans software implementation is based on KTS-js useful for long-term storytelling, such as in diaries, biographies or CVs see https://observablehq.com/collection/@bogo/kts-timeline-demos	KnowledgeManagement, SwEngineering, Visualization, Javascript, KTS, Graphviz, ObservableHQ
Wissenswandler	2023		Value Maps for Jira	product development to integrate KTS Value Maps seamlessly into Atlassian's Jira user interface via AddOn software implementation is based on KTS-js see https://observablehq.com/collection/@bogo/kts-value-maps-demos	ConfigManagement, KnowledgeManagement, EnterpriseArchitecture, SwEngineering, Visualization, Javascript, KTS, Graphviz, Jira
Wissenswandler	2023		KTS-js	migrating jq + shell scripts to Javascript for hosting in node-js backends as well as pure browser-based rendering and for rapid prototyping on ObservableHQ software implementation uses a Javascript cross-compilation of Graphviz for rendering see https://www.npmjs.com/search?q=%40kxfm / https://github.com/wissenswandler/kts-js Boran continues serving as Product Owner, Architect and Developer	ConfigManagement, KnowledgeManagement, SwEngineering, Visualization, Javascript, KTS, Graphviz, Jira, ObservableHQ







Client / School	Start	End	Project / Product	Description	Skills involved
ING-DiBa AG	2022	→ 2023	Project Portfolio Management	<p>orchestrating project management tasks for a set of related, national and international projects;</p> <p>involves maintenance of Business Cases and performing Business Impact Analysis (BIA)</p> <p>using KTS to track complex dependencies</p>	ARIS, KTS, ServiceNow
	2022		Sweden to Bretagne	solo sailing from Sweden to Bretagne on small hybrid catamaran 'Maru'	Sailing
	2022		Boat Conversion	completing the conversion for sustainable, solo and autonomous sailing by changing details of the rig and adding solar panels, a wind mill, auto pilot, AIS, electric stove and water filter to hybrid sailing catamaran 'Maru'	Sailing
	2021		Baltic Sea Crossing	solo sailing from Fehmarn (DE) to Simrishamn (SE) by fair means on hybrid catamaran 'Maru'	Sailing
	2021		Engine Conversion	replacing the petrol engine on sailboat 'Maru' with batteries & electric engine	Sailing
Sym GmbH	2020	→ 2022	Symsuite	<p>creating an integrated platform to support the most vital business processes for any small or medium sized enterprise (SME)</p> <p>based on a multi-tenant Knowledge Graph;</p> <p>involves Enterprise Architecture, Process Design, IT Architecture and related implementations;</p> <p>using Jira as CMDB and agile process management tool, with KTS-bash as backend for automatic visualization, ad-hoc queries and complex government tasks such as validating strictly role-based authentication;</p> <p>Boran contributes Knowledge Management expertise and graph-related software implementation</p>	ConfigManagement, KnowledgeManagement, EnterpriseArchitecture, ServiceManagement, KTS, Jira
SkyAdventures	2020		Tandem Flying	<p>commercial paragliding flights with guests;</p> <p>supervising flight and education activities on site as a paragliding instructor</p>	Paragliding
Amt für Informatik (Afi), CH	2019	→ 2020	CMDB Design	planning and prototyping a CMDB as Knowledge Base for IT Services that are served in a multi-tenant and multi-client fashion	ConfigManagement
bitvoodoo AG	2019		CMDB Workshop for ITSM Consultants	<p>bitvoodoo specialize in consulting and support for Jira and Confluence installations. To complete their portfolio, we look into Jira as a CMDB.</p> <p>Boran contributes as Configuration Management expert</p>	ConfigManagement
LHM Services GmbH	2019		Implementing SACM	<p>LHM-S introduces a new process and a new tool in Service Asset & Configuration Management (SACM) for their highly distributed services.</p> <p>Project tasks in this phase include the process description, a draft for the new CMDB model and the analysis of specific requirements for the new CMDB and process tool.</p> <p>LHM Services is an internal IT Service Provider for the City of Munich.</p> <p>Boran contributes as Configuration Management and Process Management expert</p>	ConfigManagement
DHV	2018		 Paragliding Instructor	license to coach students issued by DHV, DE	Coaching, Paragliding

Client / School	Start	End	Project / Product	Description	Skills involved
Wissenswandler	2018		 KTS-bash	<p>migrating KTS from Java / RDF / XSLT to jq programs and shell scripts for widest possible options for hosting a server and CLI / terminal / headless environment, such as CD pipelines, busybox or Termux</p> <p>uses Graphviz for rendering</p> <p>Jira is one of the supported systems for data entry and storage</p> <p>Boran continues serving as Product Owner, Architect and Developer</p>	ConfigManagement, KnowledgeManagement, SwEngineering, Visualization, KTS, Graphviz, Jira
AOK PLUS	2018 → 2019		Agile Management Processes	<p>designing and implementing additional Management Processes following the successful pattern of "ZAM"</p> <p>Implementing prototypes and operational versions of: Risk Management, Management by Objectives (MBO), Talent-Management, agenda items and formal protocols.</p> <p>Establishing a new internal full-stack support team.</p> <p>Using Jira as an agile process- and service platform.</p> <p>Boran contributes als Process Consultant and Architect</p>	EnterpriseArchitecture, ARIS, KTS, Jira
ING-DiBa AG	2018		Global Container Pipeline	<p>Planning and visualizing a secure, container-based Continuous Delivery workflow</p>	SwEngineering, Visualization, Graphviz, Jira
DZ Bank AG	2017		CMDB Gap Analysis	<p>subproject of a major ITSM relaunch</p> <p>analyzing the current CMDB model and the Configuration Management process for gaps and potential solutions;</p> <p>ServiceNow used as CMDB and process tool;</p> <p>Boran contributes as Configuration Management expert</p>	ConfigManagement, ServiceNow
AOK PLUS	2017		Centralized Demand Management	<p>'Zentrales Anforderungsmanagement'</p> <p>Migrating 4 previously independent but similar business processes into 1 new, "centralized demand management".</p> <p>Turning output from the LDI project into an implementation.</p> <p>Workflows for requirements, projects, budget requests, requirement specifications and IT requests help recording, assessing and implementing all types of demand.</p> <p>Using Jira as an agile process- and service platform.</p> <p>Boran contributes als Process Consultant and Architect</p>	EnterpriseArchitecture, Jira
Wissenswandler	2016		 KTS-Java	<p>software product development using: OWL/ RDF for persistence; SPARQL for complex queries that implement methods like FMEA and BIA; massive XSLT to transform query results into presentation objects; and Servlets for rendering the UI.</p> <p>OWL ontology drives UI to offer creation of required subjects / edges, and supports powerful graph transformations (mostly to reduce graph complexity)</p> <p>software implementation uses OpenRDF Sesame (RDF4J) as graph database and Graphviz (DOT language) for rendering</p> <p>Boran contributes as Solution Architect and</p>	ConfigManagement, KnowledgeManagement, SwEngineering, Visualization, JavaEE, KTS, Graphviz

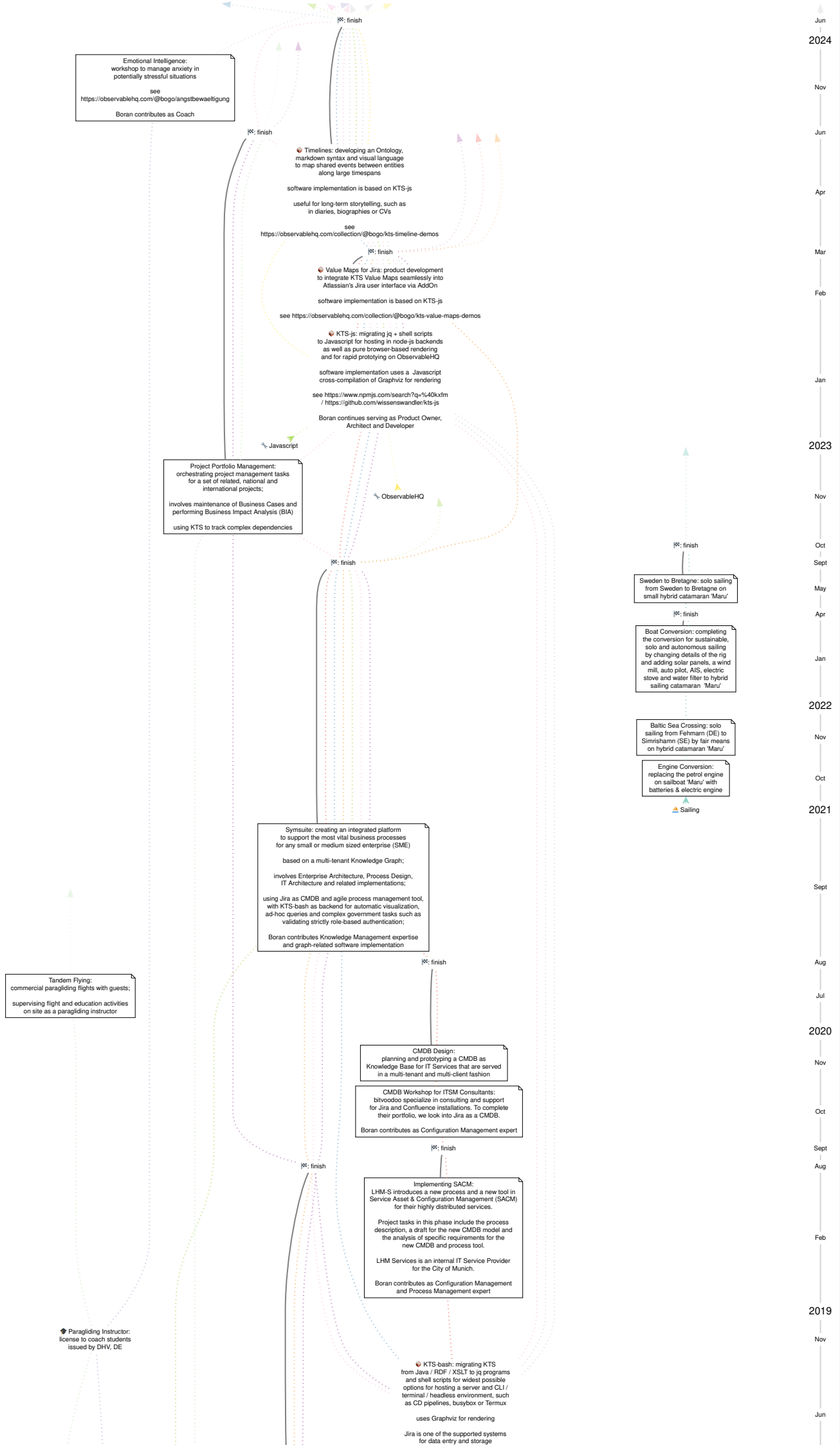
Client / School	Start	End	Project / Product	Description	Skills involved
				Developer.	
DHV	2015		 Passenger Permit	license to paraglide with a passenger (tandem / biplace) issued by DHV, DE	Paragliding
AOK PLUS	2015 → 2017		Infrastructure Capability Analysis	<p>'Leistungsfähigkeit der Infrastruktur (LDI)'</p> <p>Identifying the existing Enterprise Architecture top-down from Values and Goals, to business processes and capabilities, to supporting IT applications and infrastructure at kubus IT and other providers.</p> <p>Documenting all facts in a causal map.</p> <p>Prototyping to connect the IT providers's CMDB and Service Catalogue with the Business Process Map from ARIS.</p> <p>Boran contributes as Analyst und Architect</p>	EnterpriseArchitecture, KTS
Amadeus Data Processing GmbH	2014		Quality Climbing	<p>Management Training with 50% practical exercises in a rock-climbing gym</p> <p>Climbing as a highly motivating example of Risk- , Incident- and Service Management with "skin in the game" and lots of fun.</p> <p>Boran contributes as autor and coach</p>	Coaching, ServiceManagement
Deutscher Alpenverein	2014		 Climbing Instructor	license to coach rock climbing (Trainer-C, issued by DAV, DE)	Coaching
kubus IT GbR	2014 → 2016		CSI	<p>Configuration Management subproject of CSI (= Configuration-Managment, Service-Level-Management and Servicedesk)</p> <p>analyzing service models between Business Processes and supporting IT Infrastructure;</p> <p>designing data model for federated CMDB between IBM Maximo and various data providers such as VM-Ware, HP-SIM, Enteo, Stablenet...</p> <p>designing standard IT Architecures and blueprints;</p> <p>devloping Conviz (based on KTS) to visualize complex configuration models automatically;</p> <p>reviewing ITSM processes according to COBIT framework;</p> <p>Boran contributes as Configuration Management expert</p>	ConfigManagement, Visualization, KTS
DHV	2013		 Pilot	license for solo paragliding (issued by DHV, DE)	Paragliding
SAP AG	2011 → 2013		SAP on Cloud	<p>Migration of large, complex and frequently changing SAP system landscapes into private and public cloud environments which are first assembled, then conserved as Cloud Templates, distributed to regional data centers, deployed there and finally consumed by regional users;</p> <p>Organizational facts (responsibility and accountability; milestones), licensing and infrastructure details, software products and release versions, stages and links in a supply chain are all kept in a CMDB / Configuration Management System (CMS).</p> <p>The CMS is implemented as an RDF triple store (repository) with extensive use of the SPARQL language to generate complex reports.</p>	KnowledgeManagement, EnterpriseArchitecture
Bundesamt für Informatik (CH)	2011		Configuration Modelling workshops	delivering workshops and conceptional review for providing key skills in analyzing and modelling a Configuration Management System (CMS) / CMDB;	Coaching, ConfigManagement

Client / School	Start	End	Project / Product	Description	Skills involved
				<p>accessing various data sources to collect business objects / Configuration Items (CIs): BMC (Atrium, Patrol, Remedy), AixpertSoft (AixBOMS), SAP, Microsoft (Excel);</p> <p>re-engineering a cross-departemental service model; defining information ownership and maintenance concept;</p> <p>"Bundesamt für Informatik und Telekommunikation" is a shared IT service unit for the Swiss federal government.</p> <p>Boran contributes as Consultant, Trainer / Coach</p>	
Amadeus Data Processing GmbH	2011		Quality Climbing	<p>Management Training with 50% practical exercises in a rock-climbing gym</p> <p>Climbing as a highly motivating example of Risk- , Incident- and Service Management with "skin in the game" and lots of fun.</p> <p>Boran contributes as autor and coach</p>	Coaching, ServiceManagement
kubus IT GbR	2009		Custom ITSM and Servicedesk Training	<p>creating training concept to deliver knowledge about custom ITSM process implementation and underlying tool support to 650 staff members;</p> <p>conduct pilot trainings; train additional trainers</p> <p>Boran contributes as Author, Trainer / Coach</p>	ServiceManagement
State Street Bank GmbH	2008		IT Governance Consulting	<p>analysing training needs for Information Security department;</p> <p>conducting training workshops based on CobiT; moderating self-assessment workshops based on CMMI and CobiT concepts of process maturity;</p> <p>reviewing IT architecture from a Governance perspective</p> <p>Boran contributes as Consultant, Trainer / Coach</p>	ServiceManagement
Amadeus Data Processing GmbH	2007		IT Deployment Process Automation	<p>identify potential for automating SW Deployment in complex datacenter operations (50+ tasks in 10+ teams for every single deployment)</p> <p>prototyping implementations to orchestrate many linked tasks and gradually automate simple tasks based on jBPM and ALBPM workflow engines with interfaces to internal ticket system</p>	ServiceManagement, SwEngineering
Axelos	2007		 ITIL Expert	ITIL (v3) Expert certificate issued by Axelos, UK	ServiceManagement
AOK Sachsen	2007		Requirement Specification for ITSM Tool	<p>analysing tool requirements based on process workflow models; documenting generic and specific requirements for a tool or tool suite.</p> <p>Boran contributes as Process Consultant and Requirements Engineer</p>	ConfigManagement, ServiceManagement
Hochschule Neu-Ulm	2007 → 2008		ITIL Lectures	<p>teaching Service Management practices, based on ITIL and ISO 20.000, as part of an MBA study 'Strategisches Informationsmanagement'</p> <p>Boran serves as Lecturer</p>	ServiceManagement
Lufthansa Systems AG	2006		RUP & ITIL	<p>develop and conduct custom integrated training course</p> <p>"Rational Unified Process (RUP) and ITIL Application Management"</p> <p>including ITIL Foundation certification</p>	ServiceManagement

Client / School	Start	End	Project / Product	Description	Skills involved
mITSM GmbH	2005	→ 2007	 BPMspace	<p>designing and implementing a custom toolsuite for process modelling and configuration management in a joint venture between mITSM GmbH and Continental Software GmbH;</p> <p>used for prototyping in ITSM consulting projects as well as inhouse tool for ERP, CRM and ITSM</p> <p>Boran contributes as Product Owner</p>	ConfigManagement, EnterpriseArchitecture, JavaEE
BMW Bank GmbH	2004		Map IT	<p>IT Governance / CMDB</p> <p>Solution for modelling Business Processes (BP) and supporting IT Assets (application systems, databases, infrastructure) of BMW Financial Services worldwide within ARIS;</p> <p>developing scripts for queries, automated import from external data sources and automated analyses: Application Map (Bebauungsplan), Fault Tree / CFIA for Business Continuity Management (BCM);</p> <p>Writing process manuals and training material; Conducting train-the-trainer sessions for Configuration Analysts who rolled out the solution to BMW FS subsidiaries worldwide.</p> <p>nominated for the Process Excellence Award by IDS Scheer</p> <p>Boran contributes as Solution Architect</p>	EnterpriseArchitecture, Visualization, ARIS
EXIN	2003		 ITIL Service Manager	ITIL (v2) Service Manager certificate issued by EXIN, NL	ServiceManagement
Storz Medical AG	2002	→ 2006	 Lithotrack-J	migrating Lithotrack from 'PC' to 'Pocket-PC' hardware platform, and from C++ based CDK to Java based 3D toolkit to enable a much leaner form factor	SwEngineering, Visualization, Java3D
DaimlerChrysler Bank	2001	→ 2003	eFinanceFactory	<p>developing business logic and web applications for calculating financial products (lease and loan);</p> <p>implementation based on Java Enterprise Edition (J2EE) and Gillardon's FinanceCore</p> <p>Boran manages project on supplier's side and contributes as IT Architect</p>	SwEngineering, JavaEE
Continental Software GmbH	2001		 Found in Space	<p>3D Viewer for Knowledge Graphs</p> <p>creating shapes for 'shapeless' data</p> <p>various applications in data mining, data warehousing, reporting and visualizing; works best for datasets that quickly change in structure or size, such as Configuration Items in an active Service Provider organization -> frequently used in CMDB workshops</p> <p>see https://youtu.be/bQgxX6pwGWY</p>	SwEngineering, Visualization, Java3D
BMW Bank GmbH	1999	→ 2006	UIS	<p>Universal Internet Services</p> <p>middleware services for clusters of Microsoft Internet Application Servers</p> <p>analysing requirements of web applications which execute on a clustered farm of IIS servers;</p> <p>designing a solution for centralised middleware services to manage session state and serve content which is 'localized' in different languages but also for different geographical regions and for different brands (BMW, Rover, Mini...)</p> <p>calculating all financial services (lease,</p>	SwEngineering, JavaEE

Client / School	Start	End	Project / Product	Description	Skills involved
				loan...) based on Gillardon's FinanceCore component implementing all services in Java (2) Enterprise Edition (EJB) with COM proxies Boran manages project on supplier's side and contributes as solution architect	
BMW Bank GmbH	1997	→ 1999	IT Project Manager	delivering projects for middleware and web applications analysing and documenting requirements; selecting and leading partners; reviewing detailed software design; managing test cases and product quality Boran manages projects on customer's side	ServiceManagement, SwEngineering
Storz Medical AG	1997	→ 2001	 Lithotrack	developing a 3D navigation system to visualize and guide non-invasive medical surgery; certified for clinical use by FDA (US Food and Drug Administration) and LGA (German Landesgewerbeanstalt) Boran manages project on supplier's side and contributes as Solution Architect	SwEngineering, Visualization, Cpp, CDK
Völk	1996		 Cybertennis	immersive VR development designing an immersive tennis court featuring a real tennis racket with force feedback plus a 3D-tracked head-mounted display (HMD) as one part of the UI, and a virtual opponent in a 3D scene which is rendered in real-time and viewed in the HMD. Boran serves as Solution Architect and Software Developer	SwEngineering, Visualization, Cpp, CDK
ArsEdition	1995		 Magic Motion	CD-Rom Content and Software production inventing animated stereovision (1st in history) based on the algorithm for "Magic Eye" still images, we create suitable 3D models in 3D Studio (3DS), implement a post-processing filter for 3DS, render "Magic Motion" videos, and implemented a custom UI for viewing such videos published under ISBN 9783760711461 Boran serves as Solution Architect and Software Developer	SwEngineering, Visualization, Cpp, _3DS
Logitech	1993	→ 1994	 Magellan suite for AutoCAD	working with Logitech (USA) to create a toolset for intuitive designing and viewing of 3D models within the AutoCAD software application Boran serves as 3D Consultant + Solution Architect	Cpp, AutoCAD
TU München	1989	→ 1993	 Computer Science	study with major in "Informatik" and minor in Psychology; dropped out without diploma	SwEngineering
	1987		 Gymnastics Coach	license to teach Gymnastics (Fachübungsleiter Geräteturnen issued by BLSV, DE)	Coaching

3. Diagram View



◆ Passenger Permit:
license to paraglide with a passenger
(tandem / biplace) issued by DHV, DE

Quality Climbing: Management Training with
50% practical exercises in a rock-climbing gym

Climbing as a highly motivating example of
Risk-, Incident- and Service Management
with "skin in the game" and lots of fun.

Boran contributes as autor and coach

◆ Climbing Instructor: license
to coach rock climbing
(Trainer-C, issued by DAV, DE)

◆ Pilot: license
for solo paragliding
(issued by DHV, DE)

◆ Paragliding

Agile Management Processes:
designing and implementing additional Management
Processes following the successful pattern of "ZAM"

Implementing prototypes and operational versions of:
Risk Management, Management by Objectives (MBO),
Talent-Management, agenda items and formal protocols.

Establishing a new internal full-stack support team.

Using Jira as an agile process- and service platform.

Boran contributes als Process Consultant and Architect

CMDB Gap Analysis: subproject of a major ITSM relaunch
analyzing the current CMDB model and the Configuration
Management process for gaps and potential solutions;

ServiceNow used as CMDB and process tool;

Boran contributes as Configuration Management expert

Centralized Demand Management:
"Zentrales Anforderungsmanagement"

Migrating 4 previously independent but similar business
processes into 1 new, "centralized demand management".

Turning output from the LDI project into an implementation.

Workflows for requirements, projects, budget requests,
requirement specifications and IT requests help recording,
assessing and implementing all types of demand.

Using Jira as an agile process- and service platform.

Boran contributes als Process Consultant and Architect

Infrastructure Capability Analysis:
"Leistungsfähigkeit der Infrastruktur (LDI)"

Identifying the existing Enterprise Architecture
top-down from Values and Goals, to business
processes and capabilities, to supporting IT
applications and infrastructure at kubus IT
and other providers.

Documenting all facts in a causal map.

Prototyping to connect the IT providers's
CMDB and Service Catalogue with the
Business Process Map from ARIS.

Boran contributes as Analyst und Architect

CSI: Configuration Management subproject of CSI
(= Configuration-Management, Service-Level-Management
and Servicedesk)

analyzing service models between Business Processes
and supporting IT Infrastructure;

designing data model for federated CMDB between
IBM Maximo and various data providers such as
VM-Ware, HP-SIM, Enteo, Stablenet...

designing standard IT Architectures and blueprints;

developing Conviz (based on KTS) to visualize
complex configuration models automatically;

reviewing ITSM processes according to COBIT framework;

Boran contributes as Configuration Management expert

KTS

SAP on Cloud: Migration of large, complex and frequently changing
SAP system landscapes into private and public cloud environments
which are first assembled, then conserved as Cloud Templates,
distributed to regional data centers, deployed there
and finally consumed by regional users;

Organizational facts (responsibility and accountability; milestones),
licensing and infrastructure details, software products and
release versions, stages and links in a supply chain
are all kept in a CMDB / Configuration Management System (CMS).

The CMS is implemented as an RDF triple store (repository)
with extensive use of the SPARQL language to generate complex reports.

Configuration Modelling workshops:
delivering workshops and conceptual review for
providing key skills in analyzing and modelling
a Configuration Management System (CMS) / CMDB;

accessing various data sources to collect

for data entry and storage

Boran continues serving as Product Owner,
Architect and Developer

Global Container Pipeline:
Planning and visualizing
a secure, container-based
Continuous Delivery workflow

KTS-Java:
software product development using:
OWL/RDF for persistence;
SPARQL for complex queries
that implement methods like FMEA and BIA;
massive XSLT to transform
query results into presentation objects;
and Servlets for rendering the UI.

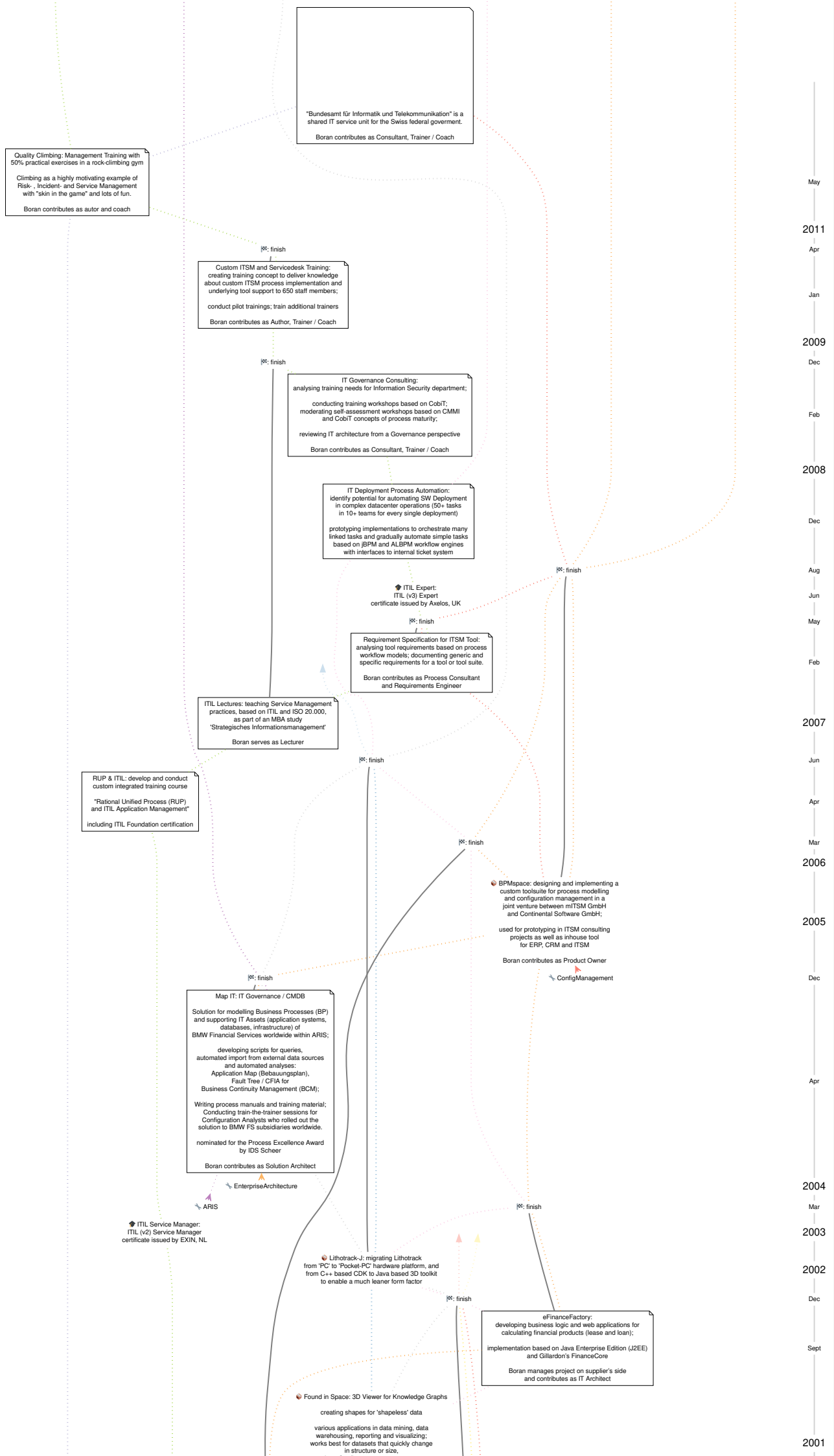
OWL ontology drives UI to offer creation of
required subjects / edges, and supports
powerful graph transformations
(mostly to reduce graph complexity)

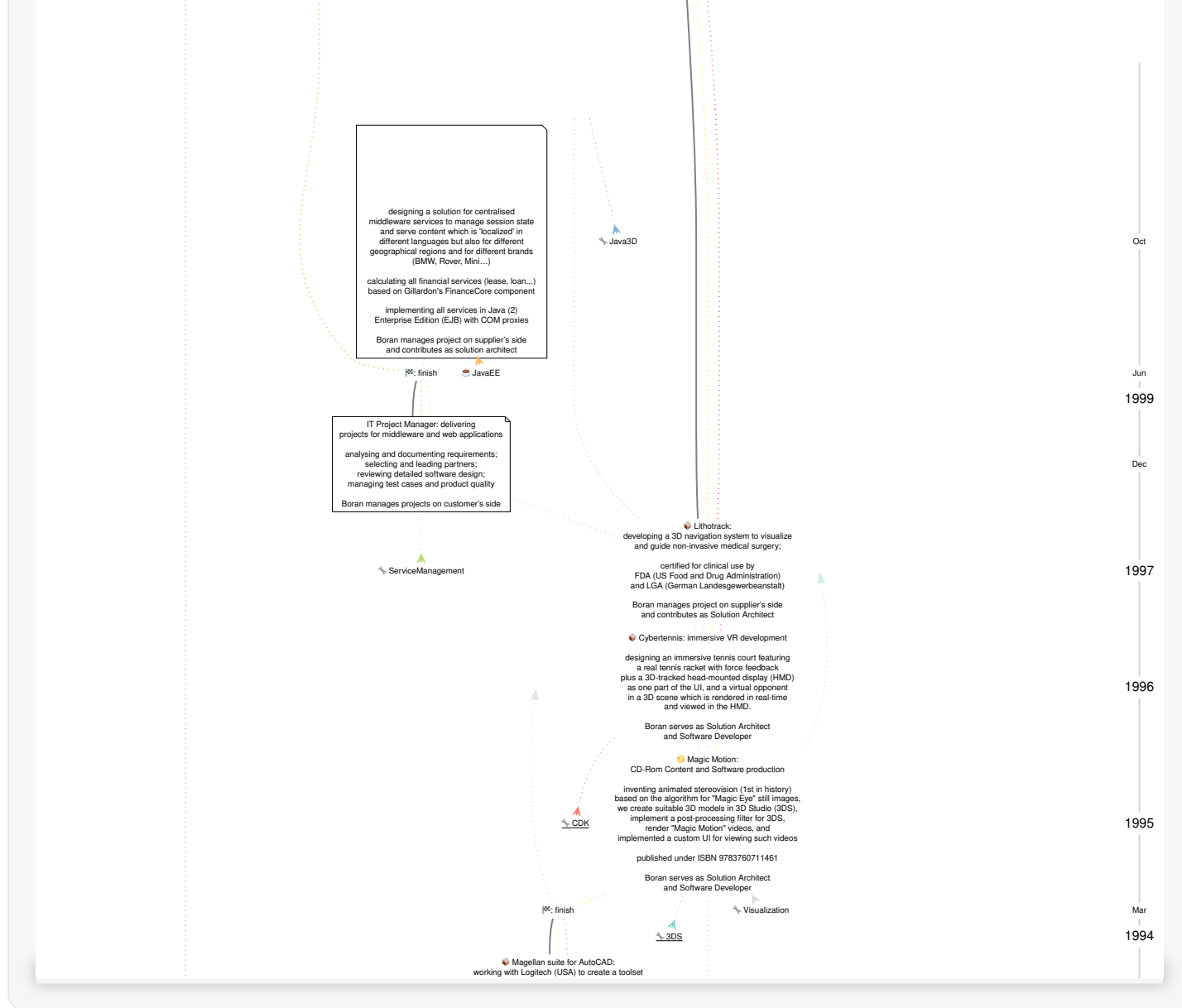
software implementation uses OpenRDF Sesame
(RDF4J) as graph database
and Graphviz (DOT language) for rendering

Boran contributes as Solution Architect
and Developer.

Graphviz

Apr
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Appendix

▼ How to read this CV Diagram

Like street maps, a CV diagram can be **large**. That's why it works best with a larger screen (pc / laptop). The diagram may tell a story of *epic* dimension, so it takes some time to read.

All **Lines** in this diagram represent a section of the life of an **entity** (person, company, project), as a chain of **events** over **time**. We could call each entity's timeline its *biography* or *story*. Similar to a novel, a Timeline diagram may contain a single storyline or it may contain several related stories.

This particular diagram's central story is Boran's curriculum vitae (CV) with an emphasis on 'professional' events

Time flows from bottom to top. On the diagram's left edge there is a rough indicator of calendar time. Not all events in the diagram are precisely aligned with a calendar date, and the time axis is certainly not proportional.

An entity's timeline typically begins with the **entity's name** and ends in a dotted line with an **ending arrow**. People's timelines always begin with the name in a rounded box. Other entities may carry a type icon in front of their name (like 🇩🇰 for the country of Denmark or 🚢 for a sailing vessel).

A CV diagram shows 4 different types of information:

- People
- Client Organizations and Schools (with an office building icon 🏢 in front)
- Skills (be it in methods or products, may have specific icons like 🛠️, 🍷 ... in front of them)
- Projects

People and **Organizations** (clients, schools) are shown as dashed timelines, with **Events** along their way.

Skills are shown as dotted timelines (because they can be dormant between events of activation / use).

Projects are presented as a textbox (description) near the start date, and a solid dark-grey line leading to a finish-flag 🚩, near the end date. If the project was relatively short (a month or less) then it may have no separate end date. It will only show up with its descriptive text box.

Project descriptions can be shortened to the project title with the "☑ summary only" checkbox. This is useful to get an overview in complex CVs.

Entity timelines are assigned random colors. Each timeline is interactive: clicking on it will highlight the whole timeline and each event on its path.

Events

An event is always part of at least one Timeline. It may intersect several Timelines. This happens when people meet people, people join organizations (perhaps temporarily), when people or organizations initiate or terminate a project, when people apply skills (because projects require skills).

An event may happen at a specific or unspecified time. If the the event has a specific date, then this date will be part of the vertical timescale (right-hand side of the diagram). Clicking an event will also display its date. Vice versa: clicking a date in the timescale will display all events that occur on this date.

Underlined events show a "tooltip" with more explanation when hovering with your mouse (*not available on smartphones or other touch devices without a mouse*).

Interaction

Timeline diagrams are **interactive** (unless you are looking at a PDF version, which is mostly static). You can hover with your mouse cursor (on a pc) over any **entity name**, **ending arrow**, **connecting lines** or some **events** (no mouse-click needed). Hovering will highlight exactly this one entity's timeline. The console box (typically in the diagram's lower left corner, or detached) will show the entity's name.

In addition, you can click on the active elements to make the highlight more permanent. This way, you can click on more than one entity and explore those events which are shared by these entities.

Hovering is not available on touch devices (lacking a pointing device such as a mouse), but you can always click (brief touch) on those devices.

Another form of interaction is to reduce or extend the CV diagram by selecting less or more (skills / products / organizations) in the ***Show Entities (lines)*** section. Chances are that you have received a link (or PDF) which already contained an initial selection of entities. From there, you can further customize the CV to show more or less details (except in PDF). Some potentially interesting presets are listed on top of the diagram, in the sections ***visual styles*** and ***skill-based profiles***.

Generative

Timeline diagrams are automatically generated (in this case by KTS). This is needed for interactive features. Generating the diagram from structured data simplifies editing and extending large diagrams.