

Top Skills

Domain-Driven Design (DDD)

Software Development

Software Architecture

Languages

Russian (Professional Working)

Bulgarian (Full Professional) German
(Full Professional)

English (Professional Working)

Certifications

Principles of Reactive Architecture

Scala Programming for Data Science
– Level 2

Deep Learning

Big Data Foundations – Level 1

Senior Software Engineer & Tech Lead at Deutsche Telekom

Experience

Deutsche Telekom

14 years 5 months

Tech Lead in project OneAppWeb

January 2024 - Present (8 months)

Development of the new Customer Center Web application.

Most important tasks and responsibilities:

- * Collaboration in the architecture and conception of the whole application.
- * Conception and implementation of the integration of broadband and router management systems.
- * Conception and implementation of the integration of systems for automatic problem resolution.
- * Definition and implementation of various blueprints (tracing, metrics, logging, alerting, etc.).
- * Contribution to and extension of project-wide CI/CD pipelines.
- * Participation in the shaping of the overall development, release, and deployment processes.

Tech Lead in project HomeOS

June 2020 - December 2023 (3 years 7 months)

Darmstadt, Hesse, Germany

Development of HomeOS - An enabler platform.

Main tasks and responsibilities:

- * Participation in the design and overall architecture of the HomeOS platform.
- * Analysis, evaluation, and selection of technologies, solutions, and approaches.
- * Design, specification, and development of technical solutions and their coordination.
- * Implementation and enrolment of a Kafka client library for increased throughput with a low number of partitions.

- * Implementation and enrolment of a library with all relevant cryptographic functions.
- * Integration of internal and external systems.
- * Identification and formulation of requirements for internal and external systems in coordination with the relevant product and system owners.
- * Design and development of multiple microservices, web frontends, and Android applications.
- * Support and mentoring of the software developers in the team.
- * Documentation of the developed systems, including documentation within the Privacy and Security Assessment process.
- * Coding, coding, coding...

Tech Lead in project AI Enterprise

October 2018 - May 2020 (1 year 8 months)

Darmstadt, Hesse, Germany

Development of various AI-Powered process automation solutions

Main tasks and responsibilities:

- * Creation of technical solution designs and their coordination.
- * Analysis, evaluation, and selection of technologies, solutions, and vendors.
- * Design and implementation of a system architecture for automated DSL line and port detection.
- * Design and implementation of a system architecture for automatic alert resolution in the context of the mobile infrastructure.
- * Coordination and integration of various enterprise systems and APIs.
- * Integration of various solutions and systems in the field of process automation.
- * Coordination of features and APIs with internal and external partners.

Tech Lead in project eCompany

September 2017 - September 2018 (1 year 1 month)

Darmstadt, Hesse, Germany

Development of chat-based automation solutions.

Main tasks and responsibilities:

- * Creation of technical solution designs and their coordination.
- * Analysis, evaluation, and selection of technologies, solutions, and vendors.
- * Design and implementation of a general system architecture that connects order, analysis, and automation components with high level of flexibility.

- * Development and integration of a chat frontend according to project-specific requirements.
- * Integration of various dialogue engines and NLU components.
- * Implementation of a dialogue framework based on open-source technologies.
- * Integration of various solutions and systems in the field of process automation.
- * Coordination of features and APIs with internal and external partners.

Lead Developer in project Tolino

March 2015 - September 2017 (2 years 7 months)

Darmstadt, Hesse, Germany

Development of the "tolino" eBook platform.

Main tasks and responsibilities:

- * Design, conception, and development of backend software systems for the "tolino" ecosystem.
- * Analysis, re-design, and migration of legacy systems.
- * Development Lead / Coordination and mentoring of software developers.
- * Cross-team coordination of features and APIs.
- * Documentation of systems and interfaces.
- * 3rd-level support.

Software Engineer in project MagentaCloud

February 2011 - March 2015 (4 years 2 months)

Darmstadt, Hesse, Germany

Development of the Mediacenter platform - A cloud-based storage.

Main tasks and responsibilities:

- * Analysis, conception, and development of software components in agile teams.
- * Design and development of client components (e.g. synchronization desktop client, web client).
- * Design and development of backend components (AA, Business Tier, Data Tier, Proxy).
- * Documentation of the system and interfaces (APIs).
- * 3rd-level support.

Test Manager

April 2010 - February 2011 (11 months)

Darmstadt, Hesse, Germany

Quality Assurance of various Software Systems.

Main tasks and responsibilities:

- * Planning, preparation, execution, and coordination of testing activities within agile software development projects.
- * Evaluation and reporting of results to the management team.
- * Support in software development and bug fixing.
- * Creation of unit tests and automation of existing manual tests.
- * Conducting interview discussions and selecting test personnel.
- * Creation of test concepts/plans for the respective releases.
- * Taking responsibility towards the relevant committees and areas for test planning and execution.

Vivento Interim Services

Quality Assurance Consultant

July 2009 - March 2010 (9 months)

Darmstadt, Hesse, Germany

Assist & Support in various activities of the Quality Assurance department.

Main tasks and responsibilities:

- * Supporting test management in planning, preparation, and execution of all test activities.
- * Error management within the scope of fault management.
- * Development and maintenance of internal tools for evaluating and visualizing bug life cycles.

Deutsche Telekom

Working Student

June 2007 - June 2009 (2 years 1 month)

Darmstadt, Hesse, Germany

Assist & Support in various activities of the Quality Assurance department.

Main tasks and responsibilities:

- * Design, implementation, documentation, and introduction of a tool for evaluation and visualization of bug life cycles.
- * Independent execution and creation of test scripts.
- * Conduction of functional product tests on hardware and software systems.
- * Creation and revision of test documentation.
- * Bug management as part of the test cycles.

* Configuration of new and existing PC systems and laptops.

Technische Universität Darmstadt

Research Assistant in research group "Ambient Learning Structures"

May 2006 - February 2007 (10 months)

Darmstadt, Hesse, Germany

Main tasks and responsibilities:

* Design and development of a license management system for the product DLH (Digital Lecture Hall).

Zentrum für Graphische Datenverarbeitung e. V.

Research Assistant in research group "Interactive Edutainment"

April 2006 - November 2006 (8 months)

Darmstadt, Hesse, Germany

Main tasks and responsibilities:

* Participation in the project "Social Conversational Agents"

* Server optimization (Java)

* Integration of external modules

* Development of client applications

* Preparation of presentations and presentation of the results

Tavros International Ltd

Freelance Developer and Designer

April 2005 - September 2005 (6 months)

Moscow, Russia

Main tasks and responsibilities:

* Creation of interactive animations for marketing and product presentations

Technische Universität Darmstadt

Research Assistant in research group "Ubiquitous P2P Infrastructures"

April 2005 - July 2005 (4 months)

Darmstadt, Hesse, Germany

Participation in a research project commissioned by Volkswagen AG.

Main tasks and responsibilities:

* Conception and development of a prototype for a context-sensitive system to enhance driving safety and comfort.

Merck KGaA, Darmstadt, Germany

Working Student

April 2004 - August 2004 (5 months)

Darmstadt, Hesse, Germany

Main tasks and responsibilities:

- * Handling and labeling of liquid crystals.
- * Electronic recording of incoming order quantities.
- * Inventory management of warehouse stock.

Education

Technische Universität Darmstadt

Master of Science - MS (unvollständig /
abgebrochen), Informatics · (2008 - 2010)

Technische Universität Darmstadt

Bachelor of Science - BS, Informatics · (2003 - 2008)

Goethe University Frankfurt

DSH, German Language · (2001 - 2002)