

# NEMANJA TODOROVIC

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DATE OF BIRTH: 17th September 1979

NATIONALITY: AUSTRIAN



## PROFESSIONAL EXPERIENCE

Wien IT; Vienna, Austria 04.2023 – 01.2025

### Senior Java Software Engineer

Working on authentication system for the LogWien, which is used with companies as WienStadtwerke, WienEnergie, WienMobile among others. Authentication and authorization system is on Keycloak, system is based on Microservice Architecture, communicating over REST services, with Spring Boot as Back End and Angular as Front End. Oracle, PostgreSQL as Database Systems with FlyWay automated script system.

BEKO Engineering & Informatik GmbH; Vienna, Austria 04.2020 – 02.2023

### Senior Java Software Engineer

Working as consultant for AgrarMarkt Austria, Steierische Kindergarten and on intern projects. Projects for AMA include Transparency Database which enables to see where are EU funds spent in individual agricultural households, and REST and SOAP communication between various institutions in Austria and EU, with Spring Boot in Back End and Angular in Front End. Projects for Land Steiermark include Web Application for Kindergartens and schools, realized with JSF-JSP technologies.

Capital Bank; Vienna, Austria

06.2016-12.2019

### Senior Software Developer

Responsible for implementing new API's for hybrid web/mobile private banking application. Implementing new features in core system for the private banking and designing interfaces to

access core system transparently. Service based architecture, with REST interface and Spring Boot as core, using AndroUML for system design and automated class generation through Integration Test step.

*Allgemeines Rechenzentrum;*

Development of new and improvement of existing function for core banking system – Implementation of the new features for the compliance with MIFID II standard. Spring, WildFly Server Integration.

**ING DiBa Austria; Vienna, Austria**

**04.2015-05.2016**

**IT Business Analyse and Architecture Management**

Responsible for producing new user stories, communicating between management and development, managing architecture in view of new demands, implementing interfaces to external partners (Credit card API developed and implemented)

**Ebcont; Vienna, Austria**

**01.2013-02.2015**

**Senior IT Consultant**

Working as J2EE consultant / developer for clients in Austria: Red Bull – Intranet solution, KSV: Legacy system migration AS400 / Oracle & Mark Logic.

**Allianz Elementar, Vienna (Austria) - Java Developer**

Developing application for insurance companies used throughout the Europe. Implementing new business request and optimizing existing architecture. Working with Eclipse RCP, OSGi and DB2.

**Sony DADC Austria AG, Salzburg (Austria)**

**11.2011-12.2012**

**Software Engineer**

Media supply chain architecture optimization and maintenance. Optimizing software architecture for metadata supply chain for YouTube, iTunes, Sony Music, European Music Industry. Creating software architecture and development realization for partly migration of supply chain processes to Amazon Cloud. Maintenance of supply chain software in Unix/Solaris environment.

J2SE, Multithreading, Java optimization, Architecture design, Web services, Oracle DB, UNIX, Solaris

**Tušmobild.d, Ljubljana (Slovenia)**

**10.2008-10.2011**

**Software Engineer**

Working independently or in the team on conceptual development, data migration, and service-oriented web applications. Development, implementation, integration of convergent real-time billing system solutions based on Oracle Billing and Revenue Management (ex Portal Infranet) system for all mobile services, both prepaid and postpaid. Billing System Integration with other back office systems including CRM and ERP using JBoss J2EE middleware.

Facilitation of roaming services and agreements including TADIG testing and wholesale rating, billing, settlement and data exchange with roaming partners around the world.

Advanced Java, Web Service Definition Language, Data analysis and presentation, UML design, Database Design and Development

**Breza Software Engineering, Belgrade (Serbia)**

**05.2007-09.2008**

### **Software Engineer**

ERP system implementation and integration, through UML modeling and Java/J2EE, SQL, PL/SQL development based on ADF framework , communicating with clients on regular basis with purpose of iterative and incremental application development most suited for client needs. Working for clients like: Stankom Holding a.d. , Belgrade, JAT Hoteli Slavija, Belgrade. Worked on application development in Oracle, JAVA, XML, n-tier environment, iReport, Jasper Report, SQL optimization ,PL-SQL programming Oracle ADF framework, Reporting

**Business Incubator Zrenjanin, Zrenjanin (Serbia)**

**10.2006-03.2007**

### **Project Coordinator**

Informatics project management, coordination and employment of stuff working for clients like: »Božić I Sinovi«, Serbia/U.K. - software for multimedia courses, development using: Delphi, Camtasia, Macromedia package (Dreamweaver MX, Flash MX);

»WiHood AS«, Norway - specifying current market development regarding VoIP and solutions for cluster of telecommunication start-up companies commerce strategies - software: VMware Workstation; Free RADIUS.

**JKP Pijace i Parkinzi, Zrenjanin (Serbia)**

**12.2005-09.2006**

### **Network Administrator**

## **EDUCATION**

Novi Sad University 1998-2005

Informatics Engineer – Bachelor degree (5 year study program)

## **TECHNICAL SKILLS**

### *Programming languages*

JAVA/J2EE, SpringBoot, Hibernate, JavaScript, Node.Js, SQL, PL/SQL, Bash

### *Operating systems*

Windows(11),Linux(Ubuntu),HP-Unix

### *Software Technology*

SOA , EAI, XML, UML modeling, ADF Framework, EJB , JPA, Hibernate, SOAP, JAX-WS, GWT,JSF.

### *Databases*

Oracle, MySQL, PostGre

### *Development tools*

JDeveloper, NetBeans, Eclipse, JBoss Developer Studio, AquaData Studio, pgAdmin III, Oracle Enterprise Manager, TOAD, TAP Testing Toolkit, Portal Developer Center.

## **LANGUAGES**

English – Proficient  
German – Proficient  
Slovenian – Business communication  
Serbo-Croatian – Mother tongue

## **REWARDS, SEMINARS AND PUBLISHED WORK**

- EXCEPTIONAL REWARD, UNIVERSITY OF NOVI SAD , 2002
- AUTHOR : TELEMEDICAL SERVICE : “ENDOMED”, YU-INFO 2003, KOPAONIK

## **PROJECTS IN DETAIL**

### **WienIT GmbH, Vienna(Austria)**

*Development of features and maintenance of authentication system based on Keycloak, open-source authentication software. Implementing and extending features. Projects include Device Management with Geo Location Database MaxMind, extending authentication and authorization services, adding new front end forms.*

*Environment is SpringBoot with Java 17, Hibernate, MicroServices, Keycloak, Angular 22, Node.js, Oracle and PostgreSQL, WildFly automated database deployment, ArgoCd container tool, Confluence, Jira, Jenkins, Git.*

### **BEKO Engineering & Informatik GmbH, Vienna(Austria)**

*Back-end and front-end development of the transparency database for agricultural users of EU funds. Creating web services for connecting AgrarMarkt Austria to other government bodies and ministries. Working on scripting and automation of B2B processes.*

*Technologies: Java 11, Spring Boot, Hibernate, PostgreSQL, Angular JS, REST services, SOAP services, linux batch jobs, bash scripting.*

*Land Steimark projects developed using J2EE, JSF, OracleDB, OracleForms.*

### **Capital Bank, Vienna (Austria)**

#### **Software Development**

*Refactoring defacto monolith application written JSF to modern REST based N-Layer application with back-end layers used interchangeable with iOS and Web Application front-end. in Creating new API interfaces for mobile and web private banking application. Cooperation with sub-contractors on developing solutions in web and mobile applications in private banking. Implementing new functions for MIFID2 in Java EE/JBoss environment.*

*Technologies : Java EE, Jboss Development Server, Hibernate, REST, DB2, AndroMDA (for creating models and implementing new services in JAVA), Junit, Jenkins.*

#### **Allgemeines Rechenzentrum - ARZ**

Working on migration of the GRAWE Group banking system into ARZ. Creating back end and micro services for the integration.

Technologies used: Java EE, SpringBoot, Angular JS, WildFly Servers (JBoss), REST, SOAP, Microservices, DB2.

#### **ING DiBa , Vienna (Austria)**

##### **IT Business Analyse and Architecture Management**

*Creating user stories, and implementation for various projects concerning lunch for new checking account product : Online banking, Backend web application , communication with service providers ( Card Complete ). Development environment : Java EE, Spring, Hibernate, Oracle. Implementing new workflows and processes with jBPM. Implementation of REST Architecture for MasterCard Credit Card Services : Java, Hibernate, DB2, JBoss, jBPM.*

#### **Ebcont, Vienna (Austria)**

##### **Senior IT Consultant (2014-2015)**

RedBull

*Responsible for building REST web services and Java / Oracle architecture for global RedBull intranet site.*

KSV 1870 Information GmbH

*Creating J2EE and Oracle database architecture and working on realization for insurance module. Developing java web services for accessing NoSQL data stored in Mark Logic database. Building java architecture to support new NoSQL search. Existing Application optimization and maintenance.*

#### **Tušmobild.d, Ljubljana (Slovenia)**

##### **(Senior) Software Engineer (2008-2011)**

*SOA solution for internal documents workflow*

*Development of SOA solution for internal documents workflow and approval. The „Insider“ is a document workflow management system, enabling employees to approve internal documents with digital signature. It is designed to complement classic paper workflow system by enabling all users to check documents through web interface. The system is based on JBoss jBPM solution and JSF/Seam framework.*

Management and testing of roaming accounts

*Management and testing of roaming accounts for 6 months. Executing test for new roaming partners, checking roaming partners test validity and reporting a case for inter-operators settlement. Testing operators roaming accounts with new releases.*

#### **“Test Tool”**

*Conceptual modeling and development of application “Test Tool” for testing Oracle billing software, Business Revenue Management, BRM. Application for creating communication scenarios: MO, MT calls, SMS, GPRS and MMS usage simulation, calls between CUG and groups hierarchies, Bill Run simulation etc. All test cases can be combined in scenarios, and saved as XMLs, so they can be reused with different testers and re-tested with different software releases.*

#### **DCP Statistics**

*Development of desktop application for DCP product’s (fixed telephony products) statistic, usage statistics, with output report generation in Excel.*

#### **Emergency call web-services**

*Development of services for communication with E11x emergency response services (112, 113), providing emergency center with caller’s cell location or in case of PSTN call, address.*

### **Breza Software, Belgrade (Serbia)**

#### **Software Engineer (2007-2008)**

#### **ERP System “STANKOM”**

*Development of project for ERP system implementation and integration for „Stankom Holding“ a.d, based on ADF framework an Oracle AS, communicating with clients on regular basis with purpose of iterative and incremental application development most suited for client needs. Working for clients to manage whole system delivery.*

#### **ERP System “JAT HOTELS”**

*Project for JAT Hotels „Slavia“, system for ERP modules, upgrade and new reports generation.*