



DI NIKLAS THÜR BSC

SECDEVOPS ENGINEER / SENIOR FULL STACK DEVELOPER

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GENERAL INFORMATION

Personal

Date of Birth: 03.03.1993
Nationality: Austria
Languages: German, English

Interests

 cooking  tennis
 gaming  anime
 dog

For a detailed information
visit my website.

EDUCATION

FH ST. PÖLTEN

Master Information Security

Sept 2020 - today

As technology and innovation increase, safety precautions become more and more necessary. Therefore, the curriculum of the Master Information Security includes the core topics of organizational security, infrastructure security, incident management and security analysis.

FH ST. PÖLTEN

Bachelor IT-Security

Sept 2017 - Sept 2021

In today's interconnected world, precise cyber assaults present a significant danger to both the economy and public welfare. Therefore, this study teaches knowledge of the following areas:

- Infrastructure, Network & Mobile Security
- Operating Systems
- Software Security & Ethical Hacking
- Security management

FH ST. PÖLTEN

Master Digital Media Techn.
Specialisation Mobile Internet

Sept 2017 - Oct 2019

This master's program covers instruction on application and project-focused programming, as well as usability and interface design for mobile devices and web applications. Both native and hybrid apps are developed for Android and iOS devices. The objectives are to enable students to autonomously plan and execute projects using agile project development methodologies.

FH ST. PÖLTEN

Bachelor Media Technologies
Specialisation Interactive Media

Sept 2014 - June 2017

In this bachelor program we were introduced to client- and server-side programming, application design, and usability principles. The curriculum also covers topics like data visualization, game development, creating basic print materials, basic graphic design principles and UI/UX principles for desktop, web and mobile applications.

GRÜNES KREUZ

Paramedic

Jan 2013 - Feb 2013

As part of my community service, I completed training to become a paramedic.

HTBLVA SPENGERGASSE

Polytechnic for informatics
and organization

Sept 2007 - June 2012

During the HTL training program, a diverse array of computer science topics were covered, ranging from fundamental concepts to advanced areas such as software programming, databases, system architecture, network technology, and project management.



EXPERIENCE



SOFTWARE ENGINEER / DEVOPS ENGINEER

Aug 2024 - today

Techstack:



JAVA ENGINEER

Dec 2021 - Apr 2024

Techstack:



JAVA ENGINEER

Oct 2019 - Dec 2021

Techstack:



RESEARCH ASSISTANT

Jul 2017 - Jun 2020

Techstack:



STUDENT RESEARCHER

Jul 2015 - Jun 2017

Techstack:



JAVA DEVELOPER

Dez 2013 - Aug 2014

Jul 2012 - Dec 2012

Techstack:



@WhizUs, Vienna

Working as a consultant in various software development and DevOps projects. Tasks include developing different Java, Spring, Spring Boot, and Angular software projects. Also, there are various DevOps activities in the CI / CD area.

@Bank99, Vienna

Throughout this job, a diverse range of functionalities were introduced within the realms of payment transactions and card services, such as features related to SEPA transfers, card payments, online transactions, and credit card operations. Moreover, several new microservices (frontend & backend) were created to modernize existing functionalities from the previous monolithic system. Simultaneously, as part of an internal company initiative, the entire infrastructure underwent a transformation, with both new and existing applications being upgraded to a contemporary technology stack. The microservices were transitioned to Java 21 using Maven 3.9 and SpringBoot 3. The database platform was shifted from Oracle to PostgreSQL, and all continuous integration and continuous deployment (CI/CD) pipelines were migrated from Jenkins to Azure DevOps. Furthermore, all microservices are now deployed as GraalVM native images, with the containers operating within a newly established Kubernetes cluster in the Azure cloud environment. Additionally, a novel frontend application was designed and developed with React.

@ING Austria, Vienna

Throughout this job, a diverse range of functionalities were introduced within the realms of payment transactions and card services, such as features related to SEPA transfers, card payments, online transactions, and credit card operations. In addition, some new microservices (frontend & backend) were developed that reimplement existing features from the old monolithic application. The old program code was removed from the monolith during this activity.

@St. Pölten Univrsity of Applied Science, St. Pölten

Development of multi-device ecologies towards elaborate user experience as part of the MEETeUX project.

The MEETeUX project discusses issues of relevance to the future in the sectors of interaction design and user experience design for the integrated usage of media technology devices (mobile devices, multi-touch tabletops, large surfaces) in multi-device ecologies. As part of this project, an interactive exhibition was designed, programmed and displayed in Klosterneuburg Abbey. This exhibition included an iOS and Android app, an Angular application and various games and services (e.g. for position localization) developed in Node.js.

@St. Pölten Univrsity of Applied Science, St. Pölten

Visual Analytics methods which adapt to different contexts and combine interactive visual interfaces with automated analysis methods were designed in this project. Even though computers have the ability to recognize and visualize patterns in data, they often lack the background knowledge to interpret said data. Therefore, human analysts and their expert knowledge are essential to the process of data analysis. Therefore, in this project different knowledge-base assisted research prototypes as part of the KAVA-Time project were developed in JAVA.

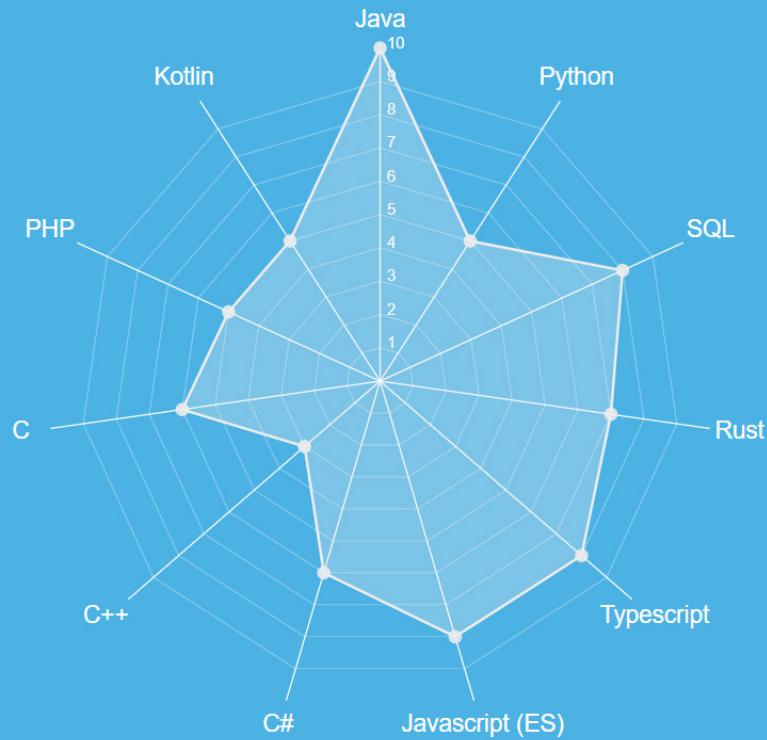
@Art for Art Theaterservice GmbH, Vienna

Java developer in a project to create a new IT system for Vienna's Staatsoper, Volksoper and Burgtheater. I was mainly concerned with the dynamic creation of reports and theater programs.

I completed my community service during the time gap.



PROGRAMMING LANGUAGES



Each skill is rated between 1 and 10 whereas 1 stands for 'I know the basics of this topic' and 10 stands for 'I am an expert in this topic'.



DEVELOPMENT



Laravel



React



Vue.js



Angular



Node.js

Web Dev



Android



iOS



Xamarin



Ionic



React Native

App Dev



Spring (Boot)



ASP.NET Core



Maven



Gradle



Java EE

Appl Dev



Oracle



Postgresql



MySQL



Sqlite



Redis

Database



CI/CD



Git



SVN



Jenkins



Firebase



AWS



Azure



Heroku



Codeship



Splunk



Elastic



Snyk



SonarQube



Docker



Kubernetes



Apache



ZERTIFIKATE



SERVER MANAGMENT



Redhat, Fedora,
Ubuntu, Debian