

WAQAR A. DETHO

Senior Application Development Specialist | Java, Spring, Angular | Full-Stack Developer with Agile Methodologies

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SUMMARY

A results-driven, customer-focused, articulate and analytical Senior Software Engineer. Strong in design and integration problem solving skills. Expert in Java and Software Development using different software development frameworks. Skilled in developing business plans, requirements specifications, user documentation, and architectural systems research. Strong written and verbal communications. Interested in a challenging technical or managerial track career in an application development environment, IT or research.

EXPERIENCE

Professional and Personal Development

FAU

05/2024 - 11/2024 Bern, Switzerland

Company Description

- Engaged in learning new work formats, agile methods, personal branding, and self-presentation.

Senior App Development Specialist

IBM

01/2022 - 06/2023 Bern Switzerland

IBM is a technology services provider. Worked on the following projects:

- Created Web based project for Antwerp University Hospital to detect Sepsis in new born babies.
- Worked on the new project development for Swiss government IT and telecom sector based on Java and Angular JS.
- Tech/Meth used: Java EE, Spring WebFlux, Postgres SQL, Angular, CloudFoundry, GIT, TDD, Scrum, CI/CD, JSON, Docker, Maven, Jenkins.

Application Development Specialist

Accenture

09/2019 - 12/2021 Hamburg, Germany

Worked on the following projects:

- Worked in Otto as an external employee on new Platform development.
- Used Java and related technologies to develop REST APIs and software for KfW Bank. These software programs implemented General Data Protection Regulation EU-DSGVO for different internal processes. Furthermore, implemented spring security to authenticate and authorize KfW employees using LDAP directory credentials. It ensured that only desired users and roles could access the developed systems and features. Implemented large scale data optimizations using Spring Batch. In order to further facilitate EU-DSGVO operations internally.
- Tech/Meth: Java EE, Thymeleaf, Spring Boot, Spring MVC, AWS, Websphere Liberty, Tomcat, Spring Batch, Spring Data JPA, DB2, TDD, GIT, Scrum, JSON, CI/CD, H2, Maven, Jenkins.

PROFILE

Expert in Java/Jakarta EE software development.

Experience with vast range of technology stack and tools.

Ability to develop simple front end applications with JavaScript frameworks.

A wonderful team player who can assist new developers with everyday challenges.

Excellent German and English language skills, both spoken and written.

EDUCATION

Masters in Information Engineering

Universität Konstanz

10/2013 - 12/2016 Konstanz Germany

Master's in Software Engineering & Internet Computing (ERASMUS)

Technical University of Vienna (TUV)

09/2015 - 01/2016 Vienna Austria

Bachelors in Computer Science & IT

NED University of Engineering and Technology

01/2006 - 12/2009 Karachi Pakistan

LANGUAGES

English

Proficient



German

Proficient



Urdu

Native



Sindhi

Native



EXPERIENCE

Software Developer

Otto

📅 03/2017 - 02/2019 📍 Hamburg Germany

Worked on the following projects:

- Otto is an online retailer. Worked on the enhancement of in house CMS and other Web based projects and Rest API's.
- Migrated existing microservices on to AWS cloud.
- Tech/Meth: Java, Spring, Spring boot, JavaScript, HTML, CSS, AngularJS, Vaadin, AWS, Apache Wicket, Linux Bash/Unix shell, Mango DB, TDD, GIT, Scrum, CI/CD, Maven, Jenkins.

Student Research Assistant

Universität Konstanz

📅 11/2013 - 03/2015 📍 Konstanz Germany

Technologies Used:

Java 7, KNIME, Debian, Python, MySQL, Matlab, Typo3, UML

Software Engineer

TPS Pakistan

📅 12/2012 - 08/2013 📍 Karachi Pakistan

Worked on different card production software. Production and Personalization software programs for cards and cards databases. Credit Cards, Debit Cards, Visa and Master Card Debit issuance. Proprietary Cards. Card Production Machines, HSM (Host Security Module). Integration of Proprietary and Visa/Master Cards into existing card personalization software. Reporting bug fixing.

Technologies Used:

Visual Basic, MS SQL Server, Seagate Crystal Reports

Software Developer

Workstream Automation

📅 01/2012 - 11/2012 📍 Karachi Pakistan

Worked on Workstream Business Analyst (WBA) and Workstream Business Intelligence. More information at:

<https://workstreamautomation.com/products>

Technologies used: Java, Vaadin, Hibernate, MSSQL, MySQL, XML, WordPress, XAMPP, Install4j, SVN

Software Programmer

AutoSoft Dynamics

📅 06/2010 - 12/2011 📍 Karachi Pakistan

Created software for bank treasury named ADAMS. More information at:

<https://www.autosoftdynamics.com/products/product-suite/conventional-banking/corporate-banking/adams-premium/>

Technologies Used: Power Builder, SQL Server

Network Administrator

Catcos

📅 02/2010 - 06/2010 📍 Karachi Pakistan

ADDITIONAL INFO

Citizenship: German

Work Permit: EU/EFTA B

Birthdate: 08.11.1986

VOLUNTEER

Innocens

IBM + Antwerp University Hospital

📅 01/2022 - 03/2022

Created a solution for doctors to visualize different data metrics for patients, that will help doctors to diagnose sepsis.

- <https://www.ibm.com/blogs/journey-to-ai/2021/06/reduce-sepsis-related-neonate-mortality-rates-with-ai-and-edge-computing/#>

Help others in Programming

StackOverflow.com

📅 04/2012 - Present

Answer questions related to different technologies for public

- <https://stackoverflow.com/cv/waqar.detho>

Teacher

One Laptop Per Child (OLPC)

📅 04/2012 - 08/2012 📍 Karachi Pakistan

Helped children in a local school using laptops from OLPC learn activities related to computer programming.

PUBLICATIONS

Developing a system for securely time-stamping

arXiv

Detho, Waqar

📅 02/2018 🔗 <https://arxiv.org/abs/1802.07285>

Developing a system for securely time-stamping and visualizing the changes made to online news content.