

# Curriculum vitae

<b>Name</b>	Ing. Alexander Klaffenboeck	
<b>Date of birth</b>	21.09.1996	
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<b>Education / Certificates</b>	2021	Qualification “engineer” (bachelor’s equivalent degree – see level 6 of the European Qualification Framework)
	2011 – 2016	HTL Grieskirchen - Department for Computer Science

## Projects

### **since 02.19: Lead developer frontend at Erste Bank (Vienna, Freelance)**

role & description: lead developer of frontend for the enterprise web-app “MATS”. MATS is a new-developed trading solution for securities and replaces a 40-year-old solution which handles the complete securities trading within Erste Bank Austria

trading volume per week: up to 850 Mio. Euro

trades per week: up to 100.000 (buy & sell orders)

scope of work: Development of the frontend-software-architecture from the ground and leadership of the implementation, including organizational management of the team (3 frontend developers).

workload: 40 hours per week

used technologies: Angular 12, JavaScript/TypeScript, Real-time updates with WebSockets/EventStream, HTML5, CSS3/SCSS, NGRX, Rest-Services with Java SpringBoot, Docker, PostgreSQL

**01.2020 – 06.2021: Full-Stack developer at servicepreise (Startup, Vienna)**

role & description: full-stack development of a platform for comparing prices for a wide variety of services over different sectors throughout Austria.

website: <https://www.servicepreise.at>

scope of work: full frontend and backend development with all features.

workload: 10 – 15 hours per week

used technologies: Java Spring Boot, Maven, PostgreSQL, Hibernate, Docker, Redis, Angular 11, JavaScript/TypeScript, HTML5, CSS3/SCSS, rxjs/ngrx

**01.2018 – 02.2019: Frontend developer at ÖBB (Vienna) (Freelancer)**

role & description: frontend developer in a team with 5 other frontend developers. The ÖBB is the national rail company of Austria and started in 2015 the project “Ticketshop 2.0”, which unifies the different ways of ticket selling (ticket machine, web, call center, ticket counter) in one web application for customers and employees.

webshop: <https://tickets.oebb.at>

workload: 40 hours per week

used technologies: Angular 6, JavaScript/TypeScript, HTML5, CSS3/LESS, RXJS/NGRX, Backend with NodeJS & Java SpringBoot

**01.2017 – 01.2021: Full-Stack developer at Varias (Wels) (Freelancer)**

role & description: full-stack developer in a team with 5 other full-stack developers. Varias provides multiple solutions for insurances and digital signature.

workload: 20 hours per week

used technologies: Java 8 & 16, Spring Boot Framework, Redis, Elasticsearch, Angular 6 – 12, HTML5, CSS3, JavaScript/TypeScript, MongoDB & PostgreSQL

**Technical Knowhow**

technical focus on full-stack web development with Angular 2+, HTML5, CSS3, JavaScript & TypeScript, RXJS/NGRX, Bootstrap, Tailwind

comprehensive focus on Java Spring Boot Framework,  
Continuous Integration & Continuous Delivery with Jenkins, Microsoft  
Azure, Docker, OpenShift and Kubernetes

comprehensive focus on the databases PostgreSQL and MongoDB

## **Tools**

Scrum & Kanban, JetBrains IntelliJ, Git, Jenkins, Azure, OpenShift,  
Docker, Continuous Integration & Continuous Delivery, Kubernetes