

Dipl.-Ing. Manuel Schüller

Date of birth July 5, 1994 (age 28)
Place of birth Hollabrunn, Austria
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Work Experience

- since 11/2021 ● **Full Stack Software Engineer** Full time
Self-Employed
Design, implementation, deployment and quality assurance of software solutions
Tech stack: Java, Kotlin, Spring Boot, TypeScript, Angular, Vue.js, CI/CD, Docker, Kubernetes, ...
- since 04/2021 ● **Data Science Consultant** Voluntary service
Lumos Student Data Consulting
Data Science, Data Analysis, Machine Learning, Deep Learning, Software Engineering
- 10/2020 - 11/2021 ● **Backend Software Developer** Part time
BAWAG P.S.K. Bank für Arbeit und Wirtschaft AG
Design, implementation and testing of software solutions in the finance sector
Tech stack: Java, Kotlin, Spring Boot, JUnit, Oracle, Microservices, Gitlab CI/CD, Swagger, ...
- 02/2017 - 09/2020 ● **Full Stack Web Developer** Part time
/digiconcept/ Beratung, Entwicklung und Realisierung im Internet GmbH
Tech stack: JavaScript, PHP, Angular, TypeScript, Java, MySQL, Apache Solr, ...
- 10/2016 - 02/2017 ● **Tutor for Course "Multimedia"** Part time
Vienna University of Technology
App development (Android), giving lectures, supporting the working groups

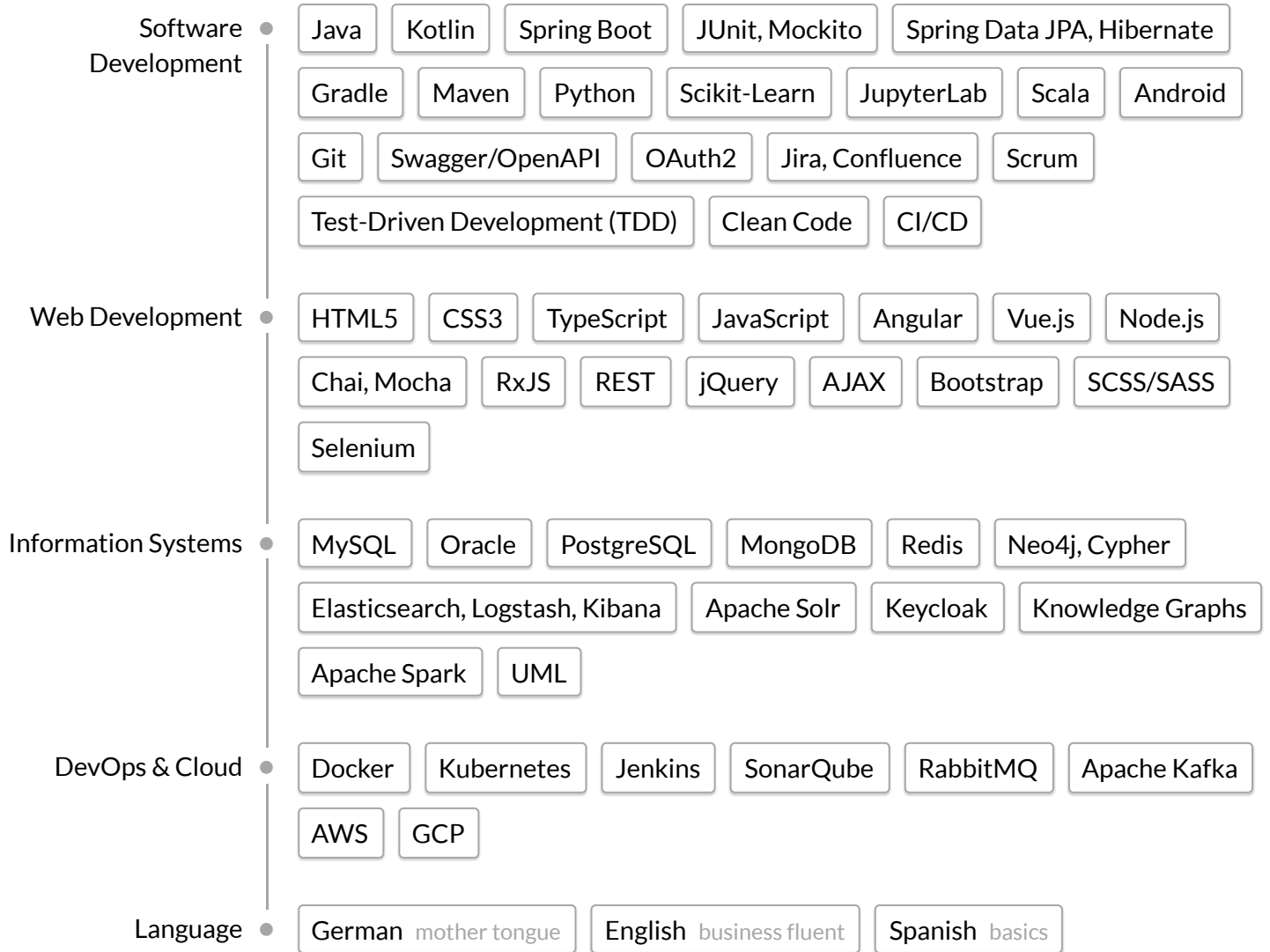
Education

- 10/2018 - 04/2022 ● **Software Engineering & Internet Computing** Master's degree
Vienna University of Technology (Ø 1.3)
Software development, information systems, distributed systems, software architecture, machine learning, project management, security, economics, ...
- 10/2014 - 10/2018 ● **Media Informatics and Visual Computing** Bachelor's degree
Vienna University of Technology (Ø 1.7)
Object oriented programming, algorithms, data structures, design patterns, app and web development, modeling, UI/UX design, mathematics, ...
- 09/2008 - 06/2013 ● **HTL Hollabrunn** Computer Engineering

Projects

- since 02/2022 **Wiener Netze Online Services** WienIT
Implementation, tests, code reviews, documentation, deployment
Java, Spring Boot, Spring Data JPA, Oracle, Angular, ngrx, JUnit/Mockito, OpenAPI, Jenkins, Keycloak, OAuth2, Docker, Kubernetes, Jira, Confluence, SCRUM, Gitlab, TDD, BDD
- 07/2020 - 02/2022 **Knowledge Graphs - Making Industry Sectors Accessible to AI** Master's thesis
In collaboration with DBAI Group (TU Vienna), Department of Computer Science (Oxford University) and Banca d'Italia (Italian central bank)
- 07/2021 - 11/2021 **Automated Refunds** BAWAG P.S.K.
Implementation, project management, tests, documentation
Java, Kotlin, Spring Boot, Oracle, Gradle, JUnit/Mockito, Swagger, Gitlab CI/CD
- 10/2020 - 05/2021 **Automation of Credit Card Applications** BAWAG P.S.K.
Implementation, tests, code reviews, documentation, acceptance, deployment
Java, Kotlin, Spring Boot, Oracle, Gradle, JUnit/Mockito, Swagger, Gitlab CI/CD
- 07/2020 - 01/2021 **Kanban Board** Web application, side project
Implementation, tests, documentation, deployment
Java, Spring Boot, Hibernate, Angular, TypeScript, MySQL, JUnit, Heroku CI/CD, Maven, ...
<https://github.com/ManuelSch/Kanban>
- 04/2018 - 09/2020 **Full Text Search Integration** /digiconcept/ GmbH
Setup and administration of Apache Solr server, integration into existing applications
Apache Solr, Java, JavaScript, PHP, REST, ...
- 10/2019 - 02/2020 **"PeerDJ"** Web application, TU Vienna
Specification, architecture design, implementation, tests, documentation, deployment
Vue.js, Node.js, WebRTC, Chai/Mocha, Gitlab CI/CD, Scrum, Vuetify, ...
<https://osom.gitlab.io/peer-dj>
- since 12/2019 **"Sass-to-SCSS Converter"** Web application, side project
Vue.js, TypeScript, SASS/SCSS, NPM, Bootstrap, Chai/Mocha, Netlify CI/CD, ...
<https://sass-scss-converter.netlify.com>
- 04/2018 - 09/2019 **"Ernte-Ente"** Software project, startup idea
Specification, architecture design, implementation, tests, documentation, deployment
Node.js, TypeScript, Microservices, RabbitMQ, Elasticsearch, Vue.js, MySQL, Docker, AWS, ...
<https://ernte-ente.com>
- 11/2018 - 08/2019 **"vuex-rxjs"** NPM package, side project
<https://github.com/ManuelSch/vuex-rxjs>
- 11/2017 - 11/2018 **Mobile Web App** /digiconcept/ GmbH
Specification, architecture design, implementation, tests, documentation
Angular, TypeScript, NativeScript, RxJS, REST, NPM, PHP, MySQL, ...

Skills



Personal Interests & Values

Economics, finance and investment | Big Data | Business Intelligence | Global cuisine | Travel | Drums and guitar | Lifelong learning | Taking responsibility | Meticulousness | Open-mindedness

Links

Homepage  <https://manuelchueller.at>

GitHub  <https://github.com/ManuelSch>

LinkedIn  <https://www.linkedin.com/in/manuel-schüller-18b2a7125/>

Vienna, August 15, 2022