

MARTIN MOHAMMED


MID-LEVEL SOFTWARE ENGINEER



CONTACT

 Kleiner Hirschgraben 8
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 martin@58agents.com

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LANGUAGES

German | native

English | fluent

Spanish | basic

EDUCATION

Abitur (Ø 1.2) | Gerhart-Hauptmann-Schule, Germany

Focus in Math & Computer Science

SKILLS

Methods / Paradigms:

Product Owning, DevOps, Continuous Delivery, Agile Coaching, SCRUM, Kanban, Lean Startup, MVP Development

Programming Languages (+ MD):

Typescript/Javascript, .Net, Bash/Shell, Go, SQL, Python, R, C++, HTML/CSS

Database & Tools:

PostgreSQL, MongoDB, MySQL, AWS DynamoDB

Data Science Tools:

Tensorflow, Pytorch, Tableau, Apache Hadoop, Jupyter Notebook, Apache Spark, Matplotlib

Application Frameworks:

Angular 2+, NextJS, React, SST, LESS/SASS/SCSS

Build & CI/CD:

Gitlab CI, AWS DevOps, Github Actions, NPM, Yarn

Cloud technologies:

GCP, AWS, MS Azure, Kubernetes, Docker, CDK, SST

Version Control:

Git, Github, Gitlab

SUMMARY

My expedition began at the age of 12, ignited by my coding passion that spurred the creation of command line applications and games. Venturing into the professional domain at 17, I embarked on my career as a Software Engineer at a Startup, laying the foundation for invaluable experiences.

Participating in the German Government's initiative of funding startups led by highly skilled high school students marked a significant milestone. Achieving multiple victories in competitive coding and solving challenges with C++, I also secured the distinction of being one of the youngest interns at IBM.

EXPERIENCE (FULL-TIME)

MID-LEVEL SOFTWARE ENGINEER & DATA SCIENTIST

58agents GmbH, Frankfurt am Main | 06/2023 - present

- Designing and incorporating Data Science principles into client projects such as Machine Learning, Deep Learning & Data Visualization with Matplotlib
- Technologies: Python3, R, Jupyter Notebook, Tensorflow, Pytorch Langchain, Apache Spark, AWS Cloud

MID-LEVEL SOFTWARE ENGINEER & PRODUCT OWNER

IBM Deutschland GmbH, Frankfurt am Main | 03/2023 - 06/2023

- Managing the Client Project with Body Culture in Darmstadt and deploying data analysis pipelines, covering data mining, cleaning, and apply diverse machine learning models.
- Employing a variety of technologies including JavaScript, TypeScript, Svelte, WebSockets, RESTful APIs, AWS, Serverless Technologies (Lambda, etc.), AI (Google Dialogflow.js solution), Python3, and Tensorflow.

JUNIOR SOFTWARE ENGINEER

Digital David AG, Frankfurt am Main | 06/2022 - 03/2023

- Collaborate with a specialized team to develop full-stack applications and deliver them to clients.
- Technologies: JavaScript, TypeScript, React, NextJs, Docker, Kubernetes, Azure Cloud, C#, MySQL

JUNIOR SOFTWARE ENGINEER

IT Blox GmbH, Darmstadt | 10/2020 - 06/2022

- Develop in-house recruiting and consulting tools for the company and provide guidance to clients regarding the potential utilization of new Artificial Intelligence and Machine Learning solutions.
- Technologies: Artificial Intelligence, Tensorflow, Pytorch, Matplotlib Apache Spark, Apache Hadoop, Python3, R, Jupyter Notebook, MySQL, Docker, Kubernetes

CERTIFICATIONS AND ACHIEVEMENTS

Startup funding by the German Government with 50.000 €

- Mobile Application FamilyToday made with iOS and published on Apple Store and 10.000 early adopters in Germany

Ranked #2 in national computer science competition

- Competitive Coding & Problem Solving (Math & Computer Science topics)

Ranked within the top 1% globally on Hackerrank in C++.

- Competitive Coding & Problem Solving

Ranked within the top 3% globally on TryHackMe in Cyber Security.

- Cyber Defense & Penetration testing of external Systems

Udemy E-Learning Platform

- More about 20 accomplished courses:
- Examples: React & Redux, Python3, Docker & Kubernetes, AWS Cloud, Data Science, Artificial Intelligence & Machine Learning, TypeScript, Node.js and many more

Design Bootcamp - Zero To Mastery Academy

- Explore UI principles and enhance user experience
- Design process: wireframes, low-and-high fidelity designs, prototyping



The 58agents GmbH is a community of makers, a collective of expert in the domain of digital product development. We strive and excel in different and challenging environments, in which we make the difference applying our identity: #ProductOps



Succeeding in Web Development: Full Stack and Front End

Kurs von Martin Mohammed abgeschlossen
Okt 18, 2021 at 11:48AM UTC • 1 Stunde 3 Minuten

Top-Kenntnisse

Full-Stack-Entwicklung

Frontend-Entwicklung

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 80c4d800233c54cb0aa417175c90952713d5bd0fd40fb22a25e983275c7f4b73



Programming Foundations: Fundamentals

Kurs von Martin Mohammed abgeschlossen
Okt 17, 2021 at 09:50AM UTC • 2 Stunden 10 Minuten

Top-Kenntnisse

Programmieren

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 5e0c99461ae8bddd85e9d2e32e4d834e6d5d483f6b48c26dd1a08f5a9ec1d7b6



Programming Foundations: Databases

Kurs von Martin Mohammed abgeschlossen
Okt 18, 2021 at 10:24AM UTC • 1 Stunde 25 Minuten

Top-Kenntnisse

Datenbankentwicklung

A handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 0a03e3a7cff06ab8cea8d8bcccec8e3b48f4a130e5017e2e012c1cc44d3995fd

Issued on
9th October 2021



CERTIFICATE OF COMPLETION

catF1sh

successfully completed the
Pre Security Learning Path

Jon Peters, CM

Ashu Savani, CTO

Ben Spring, CEO

THM-J6S0JDR06N



Learning Python (2020)

Kurs von Martin Mohammed abgeschlossen
Okt 21, 2021 at 01:35PM UTC • 2 Stunden 27 Minuten

Top-Kenntnisse

Python (Programmiersprache)

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: b5dda458dc45f91c711a9c686987b0b662c042975239cea71a245e5efe46f3c9



HTML Essential Training

Kurs von Martin Mohammed abgeschlossen
Okt 18, 2021 at 06:42PM UTC • 2 Stunden 45 Minuten

Top-Kenntnisse

HTML

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 4a07fd7dd405bfd2afc68f6db155fc25f1c742ab2156edb8ae8fcef8195e4d27



Programming Foundations: Web Security

Kurs von Martin Mohammed abgeschlossen
Nov 14, 2021 at 03:18PM UTC • 2 Stunden 17 Minuten

Top-Kenntnisse

Sicherheit von Webanwendungen

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 376aaac38c5f9de933846d4ee8c0c36b80cc65683e0f1c7136917a7e4774bc4f



Learning SQL Programming

Kurs von Martin Mohammed abgeschlossen
Nov 15, 2021 at 01:51PM UTC • 1 Stunde 46 Minuten

Top-Kenntnisse

SQL

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 8e108859277f7e37913ff2e302cbfa6cec4c8df23f4df57d0553f1d5b02fe210



Learning Java 11

Kurs von Martin Mohammed abgeschlossen
Nov 13, 2021 at 01:33PM UTC • 2 Stunden 39 Minuten

Top-Kenntnisse

Java

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 50fe3eb2b2fd942eb5013b44fcbaeb7156b9c8ce2a502c84087a2e006438434b



Learning C#

Kurs von Martin Mohammed abgeschlossen
Nov 14, 2021 at 02:48PM UTC • 3 Stunden 5 Minuten

Top-Kenntnisse



A handwritten signature in black ink that reads "Dan Bodnity".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 293e62617e48f827f6304a8db80140bbb5061fdf83847236fc13f639cbb8ab8a



JavaScript Essential Training

Kurs von Martin Mohammed abgeschlossen
Nov 13, 2021 at 09:53AM UTC • 5 Stunden 29 Minuten

Top-Kenntnisse

JavaScript

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 76a189ab0f7586847ec754da11cffb342924e0c00da53f618d467fdc987f75f9



CSS Essential Training

Kurs von Martin Mohammed abgeschlossen
Nov 07, 2021 at 09:42AM UTC • 4 Stunden 29 Minuten

Top-Kenntnisse

Cascading Style Sheets (CSS)

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 1e441c27ab9d967432fc30e0959820bbef9644cb6de2f0717cc67f6864dd1b0b



Become a Software Developer

Lernpfad von Martin Mohammed abgeschlossen
Nov 15, 2021 at 01:51PM UTC • 30 Stunden 23 Minuten

Top-Kenntnisse

Programmieren

Softwareentwicklung

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, LinkedIn Learning



Zertifikatsnummer: 0450f90e4c09c8b4ddd57c4e2fe469910c0f11a885b84bab5dfe993aa352ae55



Certificate no: UC-389429c2-f8ab-4b82-b622-4256b0316618
Certificate url: ude.my/UC-389429c2-f8ab-4b82-b622-4256b0316618
Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete 2022 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Martin Mohammed

Date **Feb. 7, 2022**

Length **55 total hours**



Certificate no: UC-cbd1e789-5205-44db-bbc6-eb81860e5b42
Certificate url: ude.my/UC-cbd1e789-5205-44db-bbc6-eb81860e5b42
Reference Number: 0004

CERTIFICATE OF COMPLETION

Modern React with Redux

Instructors **Stephen Grider**

Martin Mohammed

Date **March 14, 2022**

Length **52.5 total hours**



Certificate no: UC-a4780bac-7a17-4dd9-94c1-c84f671c50b3
Certificate url: ude.my/UC-a4780bac-7a17-4dd9-94c1-c84f671c50b3
Reference Number: 0004

CERTIFICATE OF COMPLETION

Understanding TypeScript - 2022 Edition

Instructors **Maximilian Schwarzmüller**

Martin Mohammed

Date **May 29, 2022**

Length **15 total hours**



Certificate no: UC-ad71b9b7-7cfc-447b-b504-bbcf37737ee9
Certificate url: ude.my/UC-ad71b9b7-7cfc-447b-b504-bbcf37737ee9
Reference Number: 0004

CERTIFICATE OF COMPLETION

AWS Serverless APIs & Apps - A Complete Introduction

Instructors **Academind by Maximilian Schwarzmüller, Maximilian Schwarzmüller**

Martin Mohammed

Date **July 25, 2023**

Length **8 total hours**



Certificate no: UC-a6af70aa-3aa8-4e30-89a9-dd09862b47e5
Certificate url: ude.my/UC-a6af70aa-3aa8-4e30-89a9-dd09862b47e5
Reference Number: 0004

CERTIFICATE OF COMPLETION

Double Your Social Skills and Instantly Connect With People

Instructors **Jimmy Naraine • 370,000+ Students, Jimmy Naraine Support**

Martin Mohammad

Date **April 6, 2023**

Length **8.5 total hours**



Certificate no: UC-2a22da70-c653-4d82-860b-d4a53643d95b

Certificate url: ude.my/UC-2a22da70-c653-4d82-860b-d4a53643d95b

Reference Number: 0004

CERTIFICATE OF COMPLETION

Python Django - The Practical Guide

Instructors **Academind by Maximilian Schwarzmüller, Maximilian Schwarzmüller**

Martin Mohammed

Date **June 12, 2023**

Length **23 total hours**



Certificate no: UC-ad71b9b7-7cfc-447b-b504-bbcf37737ee9
Certificate url: ude.my/UC-ad71b9b7-7cfc-447b-b504-bbcf37737ee9
Reference Number: 0004

CERTIFICATE OF COMPLETION

AWS Serverless APIs & Apps - A Complete Introduction

Instructors **Academind by Maximilian Schwarzmüller, Maximilian Schwarzmüller**

Martin Mohammed

Date **July 25, 2023**

Length **8 total hours**



Certificate no: UC-7f4ae01d-2565-4361-8085-787870843657
Certificate url: ude.my/UC-7f4ae01d-2565-4361-8085-787870843657
Reference Number: 0004

CERTIFICATE OF COMPLETION

AWS & Typescript Masterclass - CDK V2, Serverless, React

Instructors **Alex Horea**

Martin Mohammed

Date **July 31, 2023**

Length **14 total hours**



Certificate no: UC-565e27a9-652c-4a19-8b0a-9cb4a5f2251e
Certificate url: ude.my/UC-565e27a9-652c-4a19-8b0a-9cb4a5f2251e
Reference Number: 0004

CERTIFICATE OF COMPLETION

100 Days of Code: The Complete Python Pro Bootcamp for 2023

Instructors **Dr. Angela Yu**

Martin Mohammed

Date **July 31, 2023**

Length **58 total hours**