

MARTIN MOHAMMED

IT CONSULTANT



CONTACT

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LANGUAGES

German | native

English | fluent

Spanish | basic

EDUCATION

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

SKILLS

- Programming Languages:
C++, C#, Java Python3, JavaScript / TypeScript, Swift, Bash / Shell Scripting, ...
- Robotics & Simulation
ROS2, Gazebo, Unity, CAD, Edge-computing (Raspberry Pi, Jetson Nano), Odometry & Visual Servoing, UAV, autonomous systems, ...
- Data Science & AI / ML Tools:
Tensorflow, Keras, Pytorch, OpenCV, Numpy, Pandas, Scipy, ETL / ELT Pipelines, Apache Spark, Roboflow, Jupyter Notebooks & Google Colab, ...
- Database & Tools:
PostgreSQL, MongoDB, MySQL, AWS DynamoDB
- Build & CI/CD:
Gitlab CI, AWS DevOps, Github Actions, NPM, Yarn, ...
- Cloud technologies:
GCP, AWS, MS Azure, Kubernetes, Helm, Docker, CDK, SST, ...
- Frontend technologies:
Angular 2+, React, Next.js, Vue, SST, LESS/SASS/SCSS, ...
- Version Control:
Git, Github, Gitlab, ...
- Methods / Paradigms:
Product Owning, DevOps, Continuous Delivery, Agile Coaching, SCRUM, Kanban

SUMMARY



So far, I have worked on multiple projects with international and well-known companies in various locations, including **BASF** (Ludwigshafen), **Apple** (Frankfurt), **IBM** (San Francisco & Frankfurt), and **PricewaterhouseCoopers** (Frankfurt). As an IT Consultant, I have **generated more than €86,000 in cumulative revenue** and received positive feedback for my work.

Currently, I am part of a **munich based counter-drone defense company** that aims to increase the cost-efficiency of countering drones, with an emphasis on the work in **Ukraine**. Our work has drawn attention from **Robert Habeck** and various newspaper publishers. Our cooperation partners include the **Bundeswehr University, TUM Venture Labs**, the **Ukrainian Ministry of Defense, WIWeb**, and the **Bundeswehr**.

I am very confident that, at the age of 20, there are **no individuals more suitable for the job offer with a more successful track record than me**.

EXPERIENCE (FULL-TIME)

IT CONSULTANT FOR SOFTWARE ENGINEERING

TYTAN Technologies GmbH, Munich | Since 02/2024

TYTAN Technologies innovates in deep-tech and aviation, crafting cost-effective anti-drone solutions through Robotics & AI and Computer Vision.

Worked on:

- State-of-the-art computer vision for object detection and tracking
- Enhanced UAV software architecture utilizing ROS2
- Implemented edge-device integration with platforms like Raspberry Pi and Jetson Nano
- Conducted 3D simulation using Unity and Gazebo
- Utilized CAD Design and electrical engineering for hardware integration into UAV systems
- Programming languages utilized: C++, C#, Python 3

IT CONSULTANT FOR DATA SCIENCE

58agents GmbH, Frankfurt am Main | Since 06/2023

An IT consulting firm founded by former PwC employees.

Worked on:

- Client project at **PricewaterhouseCoopers** in the DevOps team, enhancing Kubernetes resource deployment using Helm Charts and...
- Business Development: Established a new department for Artificial Intelligence & Machine Learning solutions to be offered to clients.
- Developed an ETL pipeline for **Horizon** and analyzed over 2 million rows of transactional data for evaluation and machine learning training.

SOFTWARE ENGINEER & PRODUCT OWNER

IBM, San Francisco, Frankfurt am Main | 03/2023 - 06/2023

IBM, a global technology giant and early pioneer in computer development.

Worked on:

- Research & Development Team of internal innovation tools
- Team lead and product owner of customer project building a cutting-edge conversational chatbot
- Improved accuracy to digitalize customer service, reducing client employee expenditure by 39,000 euros per month using TensorFlow and Deep Learning Models.
- Programming languages utilized: C++ and Python 3

SPECIALIST

Apple, Frankfurt am Main | 01/2023 - 03/2023

Apple, a multinational company renowned for its consumer products and early innovations in personal computing, mobile phones, and more.

SOFTWARE ENGINEER

Digital David AG, Frankfurt am Main | 06/2022 - 01/2023

Digital David, a subsidiary of The **Digital Workforce Group**, a consulting-focused holding company specializing in training young professionals for the industry.

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