MAHMOUD RUSHDI

EMBEDDED SOFTWARE ENGINEER

München, Germany

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github.com/mrushdi

A senior software / systems engineer, with **10 years** of experience focused on embedded software design, development, testing, integration and optimization. Skilled in requirements engineering and Modeling.

MAS
Embedded Systems

University of Lugano 🏛
Switzerland

Experienced in Automotive architectures including the **classic AUTOSAR** and the **adaptive AUTOSAR**. Accomplished challenging projects targeting ADAS and ASIL-D **safety critical** systems.
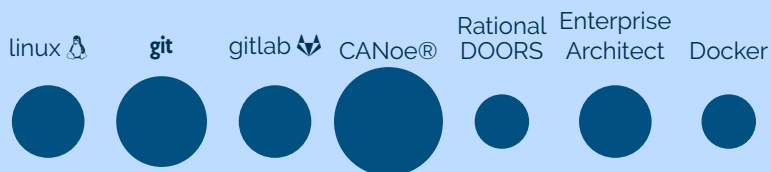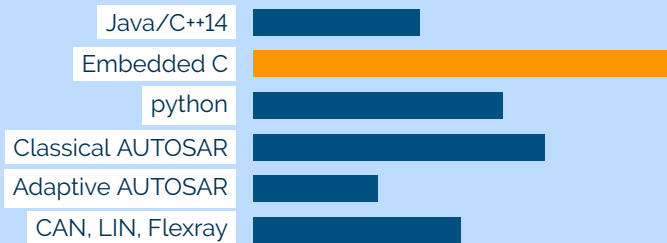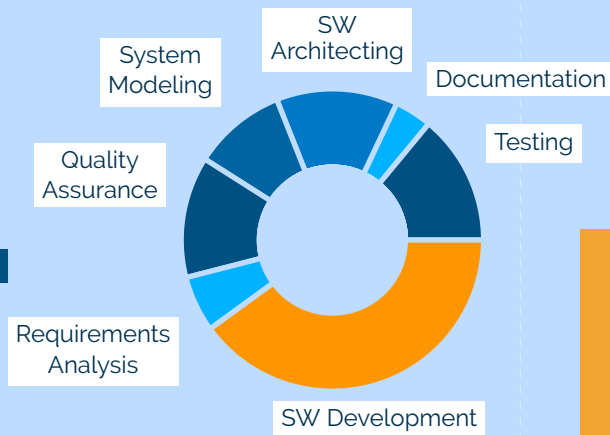
SKILLS AND TECHNOLOGIES

LANGUAGES

- Arabic (native)
- English (c1)
- German (b21)

CERTIFICATIONS & LICENCES

- Scrum master
- Scrum product owner
- Driving license (A & B)

System Modeling

SW Architecting

Documentation

Quality Assurance

Testing

Requirements Analysis

SW Development

Java/C++14

Embedded C

python

Classical AUTOSAR

Adaptive AUTOSAR

CAN, LIN, Flexray

linux 🐧   **git**   gitlab 🦊   CANoe®   Rational DOORS   Enterprise Architect   Docker

AUTOMOTIVE EXPERIENCE 🚗

6 years

of experience with **Valeo, Autoliv, BMW**

Plus **3** more years of research projects with **Elektrobit**, **Continental**, and **Energica Motor**, including an ASIL-D ECU according to **ISO 26262**.

Airbag ECU

Camera ECU

ECU Emulation

climate control ECU

EXPERIENCE AND EDUCATION

2021

Experience   Events   Education

7/2020 joined **Technowelle**

1/2017 joined **fortiss GmbH**

5/2014 joined **Avelabs**

12/2013 acquired **master's** degree

12/2012 joined master's program

10/2011 joined **Intel**

7/2008 joined **Valeo**

1/2007 joined a mobile operator

8/2006 acquired **bachelor's** degree

2006