

Mahamadkasim Sache

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PROFILE:

Aiming to obtain challenging position in the technology world that leverage my passion for software and data in business. Equipped with a diverse skill set, committed to delivering high-quality solutions and building products for variety of industries.

WORK EXPERIENCE:

SOFTWARE ENGINEER | BROSE INDIA PVT LTD, PUNE, INDIA | NOV 20, 2023 - PRESENT

- Joined as a KBE Software developer working on product data management platform – KBE DevelopmentManager. It is a Brose's homegrown platform used to manage CAD, Simulation and Manufacturing data. It supports all departments of Brose group – Seats, Doors, Drives and Electronics in all 46 global locations.
- Used **C# .NET 8.0, WPF.NET framework**. Application follows MVVM Architecture. It uses **DevExpress** user controls, **Aspose.NET** for **MS Excel operations**, **PercieveIt.Data ORM** for SQL queries. Used MS SQL Server database. Created apps like TriboManager – with modules **Tribology, CADSync, Requests, Search, SAPConnect** etc.
- For day to day work I am aligned with counterparts and stakeholders from Germany, North America and Shanghai for feature development, application enhancement and support of applications built using this platform – KBE DevelopmentManager
- Sharpened diversified range of technologies including C#, WPF, .NET, **MS SQL, Gitlab CI/CD**, DevExpress, Aspose, Catia Automation, **MVVM Architecture**, Python, **Reactive Programming, Async programming**, Multithreading

SOFTWARE APPLICATION DEVELOPER | ROCKWELL AUTOMATION INDIA, PUNE, INDIA | AUGUST 1, 2022 - JAN 31, 2023

- Worked on RA's world famous Manufacturing Execution System - a WPF .NET desktop application **FactoryTalk PharmaSuite**. Developed custom applications as per customer requirements for their Pharmaceutical production
- Involved in FactoryTalk platform migration team, developed REST APIs using ExpressJS. Used **ActiveMQ and MQTT** for new generation IoT feature – Message queuing for FT PharmaSuite.
- Worked with technologies **C# .NET, Python, WPF.NET, EFCORE.NET, MySQL, MongoDB**.

SOFTWARE DEVELOPER (INTERN) | ROCKWELL AUTOMATION INDIA, PUNE, INDIA | MAY 9, 2022 - JULY 31, 2022

- Learned ISA 61131-3 regulations followed by MES software products for drug manufacturing industry
- Learned C# .NET, MS SQL and Python. Completed training on FTPS modules - PDM, Recipe Designer, Process Execution Center and PTC's Windchill tool. Customized Process Execution Centre module for the client.
- Earned full time offer from same team and organization.

SKILLS:

C# | .NET | WPF | MS SQL Server | Data Structures & Algorithms | REST API | Redis | React-JS | OOPS | MongoDB | MQTT |

EDUCATION:

B.E. (Computer Engineering) | Sinhgad College of Engineering, Pune | July 2017- July 2022 | CGPA: 9.11

PROJECTS:

- TITLE: Mosquitto-MQTT-IoT-Application**
DESCRIPTION: This is the simulation of sensors generating sensor data as messages for MQTT and sending to different topics. Applications developed to add, turn on/off sensors, manage topics. Caching messages in Redis cache. Used Python, Docker, Paho package, Redis Cache.
GitHub project URL: <https://github.com/MdkasimS/Mosquito-MQTT-IoT-Application>
- TITLE: Data Structures And Algorithms Using C# .NET – DSA Project**
DESCRIPTION: Implemented SLL, DLL, SCLL, Stack and Queue using C# as console applications.
GitHub project URL: <https://github.com/MdkasimS/CSharp-Data-Structures-CRUDs>

ACHIEVEMENTS AND CERTIFICATIONS:

- JavaScript developer certified by Udemy Certificate No UC-3a44946a-7efa-48a1-b632-25342c5ff6d5