

Khaja Mohamed

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UK Settled Status

Birmingham, United Kingdom



Seeking an opportunity to contribute my diverse skillset, honed through international exposure to leading clients in IT, AI, automotive, and aerospace sectors, towards the success of your company. With a track record of excelling in various roles across multiple locations and countries, I bring a unique perspective shaped by my roots in India and German/British work experiences.

Education

1995 TO 1999

Bachelor of Engineering

Electronics Communication Engineering

University of Madras, India

2000 TO 2003

Master of Science

Information Communication Systems

Technical Uni Hamburg, Germany

Skills

TECHNICAL SKILLS

Software Languages: Java, JavaScript, React.js, J2EE, C/C++, Python, OpenAI API, Artificial Intelligence

Tools: JIRA, Windchill RVS, DOORS, OpenCV

Domains: Web/App Dev, Automotive, Aerospace,

Databases: MS Access, Oracle, ODBC, SQL

Data formats: XML, JSON Jenkins, JIRA, GIT

Concepts : Electrical, Motors, Hardware

Standards: DO178B, ASPICE, ISO26262, MISRA

SOFT SKILLS

Self-starter, Team player, Effective Communicator,

Move things forward attitude, Quick Learner,

Passionate Technologist, Communicative,

Hands on attitude, Mentor mindset,

Multicultural, Initiative, Instructor

Presentation Skills, Constant Learner

Leadership Skills, Training Skills,

Inspirational attitude

Nationality

German

Languages

English	German	Arabic	Hindi	Tamil
Fluent	Good	Basic	Good	Native

Experience

OCT 2022 – PRESENT PART TIME ACTIVITY

Kmttec Ltd

- [Khaja mohideen Mohamed ismail | Instructor from Industry point view | Udemy](#)

Environment: AI Consultant, Eclipse, Java, JSP, Javascript, HTML, CSS, Selenium, OpenAPI, MySQL, Heroku, Github, Python

OCT 2022 – PRESENT

Technical Solutions Architect - Magna, Austria

- Defined system & software requirements for Electric Car eDrive Units for Daimler project

- [MercedesBenz prepare-to-goall-electric-Mercedes-Benz Newsroom \(mercedes-benz-media.co.uk\)](https://www.mercedes-benz-media.co.uk)
- Specialised in breaking down complex systems into clear requirements based on ASPICE
- Demonstrated excellence in reviewing requirements to ensure high quality solution
- Effective technical collaborations with different departments
- Presenting requirements to customers and stakeholders

Environment: Windchill, Java, Requirements Engineering, Electrical & Motor Concepts, Hardware understanding, High Voltage/Low Voltage concepts, ASPICE, ISO26262, Electronic Systems, Matlab/Simulink basics

OCT 2021 – SEPT 2022

Technical Consultant - Pfizer, United Kingdom

- Conducted requirements gathering sessions with stakeholders
- Designed end to end software customisation, implementation, and testing
- Development of Web based Document management system
- Testing using Selenium Test Framework

Environment: Eclipse, Java, Rest API, React, Postman, J2EE, JavaScript, JSP, XML, Confluence, JIRA, Bitbucket, CSS, HTML, Materialize, SQL

FEB 2021 – SEP 2021

Technical Solution Architect - Miele, Germany

- Conducted requirements gathering sessions with stakeholders
- Designed end to end software customisation, implementation, and testing
- Windchill Software Customization
- Presented solutions designs to customers to align with their needs based on Agile/Scrum

Environment: Java, J2EE, JavaScript, JavaFX, Eclipse, JSON, Agile/Scum, PTC Windchill, Confluence, JIRA, Bitbucket, JavaBeans, SQL, Oracle

FEB 2020 – JAN 2021

Lead Technical Solution Architect (Automotive) - Volkswagen, Germany

- Lead a team of 5 including software developers and testers
- Lead the Windchill Java Software Customization based on Stakeholder requirements
- Ensured timely delivery of solutions with Agile/Scrum framework in Sprints

Environment: PTC Integrity ALM / Windchill RV&S, AVW Solution, JavaScript, IntelliJ, JSON, Project management, Agile, Sprint delivery management and coordination

JUL 2019 – JAN 2020

Technical Consultant - Kmttec Ltd, United Kingdom

- Eye movement detection application using Python as part of R&D project
- AI techniques used to analyse and interpret the eye movements

Environment: AI, Miniconda, Python, pycharm, opencv-python mediapipe, scipy

JAN 2018 – JUN 2019

Technical Consultant (Automotive) - ZF Shirley, United Kingdom

- Defined System & Software Requirements for car steering assist systems
- Undertook technical collaboration with different departments
- Participated in system design, coding, testing full lifecycle Improving the quality of the system

Environment: C/C++, MISRA, ASPICE, Rhapsody, CANTATA, PTC Integrity, Flexray, CANAnalyzer, CANape, TASKING compiler, Polyspace static analysis tool, Python, C coding, Hardware schematics, AUTOSAR, ARM, Microcontrollers

DEC 2014 – NOV 2017

Senior Software consultant (Automotive) - Altran, United Kingdom

- Successfully developed and delivered middleware to Jaguar Landrover for the project CohrerenSE
- Successfully developed C# application application for interfacing with hardware

Environment: Enterprise Architect, Embedded Linux, Eclipse, Tortoise SVN, JIRA, Raspberry PI, IMX Sabrelite, ARM, Bluetooth, Agile/Scrum, UML, Jenkins, C#.NET, Visual Studio

APRIL 2013 – NOV 2014

Software consultant (Automotive) - Bosch, Germany

- Developed modules for Driver Information Systems, emphasizing Pedestrian Detection
- Image classification, training image processing model
- Played a key role in enhancing product quality through targeted improvement initiatives
- Led and executed integration, unit testing, and coordinated closely with international teams

Environment: Automotive Environment: C++, Visual Studio, DOORS, MKS Version management, Python, UML, ADTF

OCT 2008 – NOV 2012

Software Consultant - DIS AG, Germany

- **EADS Astrium Germany Aerospace:** Contributed to the development and support of software test infrastructure (EGSE) for testing the Automated Transfer Vehicle (ATV) Space Program
- Maintained and enhanced tools within the infrastructure, based on Sun Solaris
- Successful member of technical support team for European Space Launch in French Guiana

Environment: Java, Eclipse, XML, CGS (Core ground software), EGSE (Electronic Ground Support Equipment), Oracle

OCT 2006 – SEP 2008

Software Consultant - Alten GmbH, Germany

- **TriagnoSys Aviation:** Communication manager software
- Contributed to the development of software programming and testing activities

Environment: C++, XML, Linux

DEC 2003 – DEC 2005

Software Developer - Philotech GmbH, Germany

- Developed control software for smoke detection systems
- Conducted requirements analysis based on Airbus software specifications
- Utilized Artisan to create use-case model diagrams and followed up with UML design diagrams

Environment: DO 178B standards, Embedded C, DOORS, Artisan, LINT, CAN bus system, UML