

VASU BABU VAKA

Software Engineer Freelance



PROFILE

- More than 15+ years' experience in Requirement Engineering, Software Development, Validation and Verification in Aerospace, Automotive, Defense and Air Traffic Management industries.
- Currently living Piazza Santeramo 1, 8180 Bülach, Switzerland
- Born on 10 August 1982, India.
- Nationality – German (Deutsch).

CONTACT

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LANGUAGES

English: Fluent

Deutsch: B1+

COMPETENCES

Programming Languages: C, C++, Python,

Java, Java Script, Solidity

Coding Standards: MISRA-C

Version Control: Git, ClearCase, ClearQuest

Requirement Management: DOORS (classic, next generation), Polarion

Project Management: JIRA, Confluence

Testing: Google Test, RTT, RVS

Automotive Tools: CANoe, CANape, CANalyser

Design: Enterprise Architect, Rhapsody (based on UML)

Standards: DO178B, ARINC 429, AFDX, A664, RS485, RS422, ISO 26262, ASPICE

Architecture: AUTOSAR (classic, Adaptive)

EDUCATION

2021 – 2023

MSc in Blockchain and Digital Currency- University of Nicosia, Cyprus

2000 - 2004

BTech- Bachelor of Engineering in Computer Science and Information Technology, Acharya Nagarjuna University, India

INTERESTS

Blockchain technologies, Software development, Validation and Verification, Embedded software.

WORK EXPERIENCE

VasuBabu Vaka – Software consulting

07.2022 – present

Software development, tests and requirements engineering.

Kappa Optronics GmbH – V&V engineer

03.2022 – 06.2022

Embedded software development activities and V&V setup activities.

Capgemini Engineering - Technical Expert

04.2019 – 02.2022

Working on internal projects of customers as software developer, requirement engineer, test engineer. Contribution to the AUTOSAR consortium in the Adaptive AUTOSAR Working Group-Diagnostics.

Diehl Aerospace (via Capgemini Engineering) – Requirement Engineer

10.2017 – 03.2019

Writing new requirements for new generation Embedded device IOM.

Robert BOSCH (via ALTEN GmbH) – Software Developer

09.2014 – 09.2017

Software development activities for the electronic control units EPS (Electronic Power Steering) and BCM (Body Computer Module).

Diehl Aerospace (via ALTEN GmbH, Accord Software) – Software Engineer

09.2010 - 08.2014

Software development, HSIT (Hardware and Software Integration Testing), Software release activities for the embedded device CRDC (common Remote Data Concentrator).

Accord Software and Systems Private Limited – Senior Software Engineer

02.2005 - 08.2010

Internal tools software development activities, validation, and verification for various Aerospace customer projects.