SENIOR EMBEDDED SYSTEMS ENGINEER – CANDIDATE EMB-A5

Profile

Embedded software engineer with 10+ years building ADAS and functional safety modules for automotive platforms (ASIL-D).

Experience

Senior Embedded Developer, DriveVision AG; Ingolstadt, Germany — 2017–Present
Implemented ISO 26262-compliant safety logic in C/C++ for LIDAR-based braking. Integrated AUTOSAR stack with CAN/LIN buses.

Software Engineer, MobilityCode GmbH; Munich, Germany — 2013–2017
Developed path prediction module for semi-autonomous cruise systems. Debugged using CANalyzer and Vector tools.

Embedded Developer, AutoAI UG; Erlangen, Germany — 2010–2013
Built BSW layers and diagnostic event storage systems on Renesas RH850 MCUs.

Education

TU Munich, Munich — M.Sc. Automotive Software Engineering, 2010
Technical University of Sofia, Sofia — B.Sc. Mechatronic Systems, 2007

Skills

C, AUTOSAR, CAN, LIN, ISO 26262, ASIL-D, MCUs, Functional Safety, CANalyzer, ADAS

Awards

ISO 26262 Functional Safety Engineer | Vector Certified Tools User | AUTOSAR Development Badge