



SERTAC SOYGENIS

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Date of Birth : 11.01.1983

KEY COMPETENCIES

- ❖ Embedded Software Systems Design
- ❖ ASPICE
- ❖ Requirements Engineering
- ❖ Innovation Project Management
- ❖ Configuration Management
- ❖ Customer Engineering

PROFILE/METHODOLOGIES

- Proven Success in system design of Engine Control Unit Software.
- Proficiency in Customer Engineering for ECU projects.

PROFESSIONAL EXPERIENCE

ROBERT BOSCH GmbH – Schwieberdingen
Customer Platform Lead / Innovation Project Manager

Aug 2021 – Present

- Leading Customer Platform Engine Control Unit projects.
- Leading sub function teams (Engine, Vehicle, Safety, Cyber Security, Base SW, Integration, Diagnostic) across Robert Bosch India, Germany and USA.
- ASPICE coordination.
- Project Management of Innovation Projects for Customer Research and Development centers in US and Germany.

ROBERT BOSCH GmbH – Schwieberdingen
Engineering Team Leader

Jul 2018 – Aug 2021

- Leading the team of software system designers developing engine functions within customer platform.
- Coordination and tracking of customer change requests.
- System level customer support for engine functions.

**Robert Bosch GmbH – Schwieberdingen
48V BRM Systems Engineer****Feb 2017 – Jul 2018**

- Customer Engineering for 48V Mild Hybrid projects.
- Registration, scheduling, ordering and tracking of requirements and their implementations.
- System level analysis for customer complains.
- Support System FMEA.
- Support acquisition projects for E-Machine performance topics.
- Conduct engine start simulations with Matlab Simulink

**ROBERT BOSCH – TURKEY - Istanbul
ECU Software & Hardware Project Engineer****Sep 2015 – Feb 2017**

- Customer Engineering for Engine Control Units CV segment. (13,7 Lt and 9 Lt Engines)
- Coordination of customer SW requirements and Bosch SW team between customer platform and Bosch SW platform.
- Registration, scheduling, ordering and tracking of requirements and their implementations.
- On-Site Support

**ROBERT BOSCH – GERMANY – Stuttgart
Software System Designer****Sep 2013 – Sep 2015**

- Customer Engineering for Diesel Engine Control Unit projects.
- Coordination and Analysis of customer SW requirements,
- Development of function specifications, design and implementation of solutions, support of FMEA analysis, code and design reviews.
- Testing and validation in vehicle and Lab environment.
- Component Responsible of PowerTrain, PowerTrain Devices, Engine Start, Torque Coord., Torque Model SW packages

**ROBERT BOSCH – TURKEY - Bursa
Electronic and Software Engineer****Feb 2011 – Sep 2013**

- Integration and Design of Special Machinery Automation Projects. PLC and HMI software development.
- Implementation of Traceability Concepts and Server Infrastructure in to Injector Production Lines.

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Indiana University-Purdue University Indianapolis – USA**Jun 2006 – Sep 2006****Internship**

- Computational Fluid Dynamics Simulation of Downtown Indianapolis
- Computational Fluid Dynamics Simulation of a Race Car

EDUCATION

2007-2010	California State University Fullerton, <i>Master of Science in Mechanical Engineering --CALIFORNIA</i>
2002- 2006	Yeditepe University, Faculty of Engineering - <i>B.S in Systems Engineering (Controls and Automation Div.) -- ISTANBUL</i>
1997-2001	Buca Anatolian High School -- IZMIR
1993-1997	Athenee Royal de La Brise High School – BRUSSELS

COMPUTER SKILLS

- Automotive Engineering : Matlab, Simulink, IBM DOORS, ALM,C,C++,INCA V7.1, ATI Vision V3.7, ASCET-MD V6.0 (ETAS SW design tool), INCA-FLOW V3.2, RequestOne (IBM Requirements Management tool), Vektor eASEE (SW configuration tool), Vektor CANalyzer, Vektor CANOe.

LANGUAGE

Fluent English (Both Oral and Written)

Fluent French (Both Oral and Written)

Intermediate German

Turkish (Native)

HOBBIES & DRIVER LICENSES

- Guitar playing (was member of the company rock band for 3 years), Traveling, cooking, movies and sport cars.
- German, US and Turkish Driver License. Bosch Driver License: Driving Safety Beginner, Basic and Basic Plus.