

ANU CHACKO THANNICKAL

Phone Number: +91 - 9074163083 | E-mail: aforanu.thannickal@gmail.com

Address: 148, 10th Cross road, 2nd Block, RT Nagar, Bangalore

Profile:

- Experienced in automotive embedded software development with Bosch Global Software Technologies, India.
- Involved in all stages of V-cycle i.e., Requirement analysis, designing, implementation, testing and delivery of safety relevant software. (ISO-26262).
- Involved in FMEA co-ordination for all the system level requirements handled so far.
- Expertise in model-based design tool ASCET with diligence in efficiency and resource consumption.
- Worked with ASPICE, Agile methodology, Jira etc.
- Strong work ethics combined with a commitment to excel in all projects undertaken, broad analytical, design and problem-solving skills.
- Self-motivated with excellent communication, leadership, technical and mentoring skills.

Technical Skills & Knowledge set:

Languages	: C
Model-based Tools	: ASCET, Simulink
Version Control Mgmt.	: SDOM, RQONE, IPE
Testing Tools	: TPT with UDE (Software in Loop), HiL (Hardware in Loop)
Scripting Knowledge	: Capl
Domain Knowledge	: Vehicle Functional Safety(System level as well as Software level), FMEA, HARA, ADAS, CAN, CAN-FD, Flex ray, LIN, DOORS Handling, CANalyzer, INCA, MVD

Academic Profile:

- Masters (M Tech. 2017-2019) in VLSI and Embedded Systems from Rajagiri School of Engineering and Technology, APJ Abdul Kalam Technological University, Kerala, India.
- Bachelors (B Tech. 2011-2015) in Electronics and Communication from Lourdes Matha College of Engineering and Technology, Kerala University, Trivandrum, Kerala, India.

Experience:

Software Engineer

January 2020 – Present

- Working as **Senior Software Engineer** in Bosch Global Software Technologies, Bangalore, India since January 2020.
- Worked in all stages of V-cycle from Requirement analysis, designing, implementation, testing to prompt delivery of safety relevant software deliverables (ISO-26262).
- Supported in development, integration, modification and configuration of safety relevant software for Power Train Control Module specific to Jaguar, Land Rover and Range Rover as the customer.
- Performed effective technical reviews for work products within team, across section and reported defects.
- Expertise in model-based design tools with diligence in efficiency and resource consumption.
- Executed system and software function verification and validation in HIL test environment.
- Performed unit design testing using TPT and PLS UDE debugger and thus gained expertise in tracing and debugging.
- Actively participated in internal process audits, ASPICE and safety assessments.
- Worked closely during customer interactions and negotiations.
- Mentored new joiners aiding in the improvement of efficiency and team competency, coordinated various department level activities.

Project Intern/Trainee

August 2018 – May 2019

- Worked as **Intern/Trainee** in Bosch Global Software Technologies, Coimbatore, India during the master's degree from August 2018 to May 2019.

Additional Responsibilities:

- Responsible for training new hires within the team for Technical and Project Knowledge.
- Participated actively in Process Improvement and Best Practices initiatives.