

**Anmol Mathur**  
**(Senior Software Engineer)**

**PROFILE**

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- Senior Software Engineer with over 6 years of experience in automotive industry. An autonomous worker committed to providing high quality services. Proficient in AUTOSAR and possession of a Bachelor's in Electronics and Communication.
- Proficient in development of MCAL modules (PORT, DIO, WDG, ADC, MCU, SPI, ICU, GPT).
- Worked on development of AUTOSAR Diagnostic Stack & COM Stack.
- Good understanding of integration of BSW modules, debugging ( GHS Multi IDE, Trace32, UDE ) and implementation testing (Vcast, Polyspace, QAC ).
- Worked on Enterprise Architect for making complete architecture, component level diagrams and sequence diagrams.

**EXPERIENCE DETAILS:**

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**Total Experience: 6 years**

- Currently working with Bosch Global Software Technologies Private Limited (BGSW), as a Senior Software Engineer from Nov,2021 to present.
- 3.9 Years of experience as Software developer in KPIT from Feb,2018 to Nov,2021.

**PROJECT DETAILS:**

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Project undertaken during my tenure in KPIT:

**Project # 1**

**Title : Automotive Inverter Generic Design**

**Tools :** DaVinci Configurator, C4K, GHS Multi IDE, Eclipse,  
Renesas Flash Programmer, Understand tool and Enterprise Architect.

**Language :** Embedded C

**Processors/Target Platforms :** Renesas RH850E2M

**Duration :** 3.6 years

**Roles in project :**

- Worked as a AUTOSAR Developer for Basic software of project-Automotive Inverter Generic Design.
- Worked on DaVinci Configurator tool for Configuration of MCAL layer modules. (PORT, DIO, WDG, ADC, MCU, SPI, ICU, GPT).
- Worked on Integration and debugging of low-level drivers using MULTI IDE.
- Worked on Enterprise Architect tool for making complete architecture, component level diagram and sequence diagram.
- Analysis and implementation of Hardware Software interface sheet for PORT configuration.
- Worked on L3 Safety features of the Controller.

Project undertaken during my current tenure in BGSW:

**Project # 2**

**Title : Drive Software Platform ECA-M2FL**

**Tools :** Davinci Configurator, Vector CANoe, AEEE, Davinci Developer, Trace32, Vector Candela, Visual Studio and Vector Cast.

**Language :** Embedded C

**Processors/Target Platforms :** Infineon AURIX TC333

**Duration :** 2.8 years

**Roles in project:**

- Worked on development of AUTOSAR Diagnostic Stack.
- Implemented L3 Safety related features of the Controller.
- Worked on development of AUTOSAR COM Stack.
- Performed Unit Testing of the developed modules using Vector Cast.
- Implementation of the SWCs for the Temperature Protection and Application Control.

**TECHNICAL SKILLS**

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Languages	:	C, Embedded C
Configuration Tools	:	DaVinci Configurator, DaVinci Developer, C4K-KSAR
Development Tools	:	Vector CANoe, Vector Cast, PolySpace, QAC, Vector Candela, Eclipse, Enterprise Architect, Understand tool and Visual Studio.
Debugging tools	:	GHS Multi IDE, Trace32

**ACADEMIC PROFILE**

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- 4 Year degree (B.Tech) in Electronics and Communication Engineering at SRM University with 9.133 CGPA (2013-2017)
- Senior Secondary Education (XII) at St. Anselm's Sr. Sec. School, Jaipur with 80.4 % in 2013
- Secondary Education (X) at St. Anselm's Sr. Sec. School, Jaipur with 9.4 CGPA in 2011

**CONTACT DETAILS**

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Name : Anmol Mathur  
Permanent Address : 54/75, Panchwati Marg, Opposite Heera Path, Mansarovar, Jaipur, Rajasthan-302020  
Email : anmolmathur95@gmail.com  
Date of Birth : 31<sup>st</sup> July 1995  
Contact Number : +91-9461761438  
Languages Known : English and Hindi

**(Anmol Mathur)**