SAISH GAONKAR

Junior Software Engineer (Embedded)

#31/5, 3rd cross, Roopena Agrahara,
Bengaluru, 560068
9066296199
saish.gaonkar@brigosha.com

OBJECTIVE

To evolve into a capable professional by being associated with a company that will challenge me to push my boundaries and allow me to use my education and skills in a way that is mutually beneficial for my employer and me and achieve a sustainable growth in life.

TRAINING SUMMARY

- Automotive Software Development Life Cycle Overview and Process.
- AUTOSAR Overview, ARXML Configuration, DCM and Digistack.
- Automotive E/E Architecture and systems.
- CANoe, CAPL and UDS.
- Embedded C and Hands-on Experience on LPC2148 and MSP432p401r.
- Configuration Management Tools - GitHub.
- Software Testing Process and its life cycle.

TECHNICAL SUMMARY

- Programming Languages: C, C++, CAPL, Embedded C.
- Tools: MS. Office, CANoe tool, KEIL, Auto-CAD EEE, Arduino IDE.
- Protocols: CAN. Operating System: Windows, Linux, DOT-OS.
- Microcontroller: 8051(AT89S52), LPC2148, Msp432p401r.

EXPERIENCE

Brigosha Technologies Pvt Ltd, Bengaluru - *Junior Software Engineer in Embedded*

JUNE 2022 - PRESENT

EDUCATION

Qualification College / School	College / School	Name University/Board	Year of Passing (YoP)	Branch / Stream	Percentage (%)

PROFESSIONAL COURSES /EVENTS / WORKSHOPS ATTENDED:

- Workshop on ROBOTICS – IIT, Bombay.
- Workshop on Automation of Motor Control Using PLC and SCADA – SKANDA, Bangalore.
- Project presentation at India Innovation Challenge Design Contest 2019.
- Project presentation at IACT-2019 (ISA Bangalore).
- Project presentation at 5th National level Techno Exhibition.

PROJECT DETAILS:

Academic Project 1: Low-Cost HYDROPONICS functional model using Arduino Uno.

- Soilless agriculture by Controlled Nourishment of plants.
- **Role**: Building of schematics and implementing the same.

Academic Project 2: Prototype of smart mobile charger.

- Mobile charger has an inbuilt battery management system along with solar power and an inbuilt power cut off system.

Industry Project 1: Fuel level monitoring system.

- It will monitor the fuel level when the ignition is ON. Based on that it will indicate to the user through LED's and LCD display. If The level is Low, it will buzz the Buzzer.
- Tools Keil (version 4), LPC2148 development board, Fuel level sensor, Flash magic.
- **Role**: As a Team member Worked on Programming.

CERTIFICATES:

- Post graduate diploma in Embedded Systems design and development at Indian Institute of Embedded Systems **- IIES, Bangalore.**
- Master CAN protocol completely from Scratch (CAN + CAN-FD) **- Udemy.**
- Learn Autosar DCM and Diagstack from scratch **- Udemy.**
- Learn C++ Programming -Beginner to Advance Deep Dive in C++ - **Udemy.**
- Software Development Life Cycle - **Udemy.**

ADDITIONAL SKILLS:

- Fast Learner.
- Team-Worker with Leadership Qulaities.
- Good Communication.
- Creative Organisation of Resources.