

B. KRUPA

CONTACT

Mobile :- 7842811088

**Email :-
kruparc88@gmail.com**

TECHNICAL SKILLS:

Programming Language:
C, C++, Embeded C.

Operating Systems:
Linux, Windows

IDE Tools:
Keil, QT creator

Processors/Platforms:
ARM Cortex-A

Communication
Protocols: UART, SPI,
I2C & TCP/IP.

PROJECT 1:

CAREER OBJECTIVE:

To obtain a creative and challenging position in an organization that gives me an opportunity for both professional and personal development, while contributing to the growth of the organization with my technical, innovative and logical skills.

PROFESSIONAL SUMMARY:

- Strong experience in programming languages like C, C++ & Embedded C.
- Good understanding knowledge on Inter process communication (IPC).
- Adequate knowledge on OOPs concepts.
- Coordinate with team on GUI design & prototype of new interfaces.
- Familiar with ARM architecture.
- Design and development of software UI (user interface) applications using QT widgets.
- Revelation in communication Protocols like I2C, SPI, UART and TCP/IP.
- Well hands on grip in board bring-up activity.
- Involved in translate user requirement into usable interfaces aligning with business goals.
- Frequent in programming language like SQLite3.
- Creating Visual Designs for web pages based on UI Team prototypes.

WORK EXPERIENCE:

Currently working as an Embedded Software Engineer at Appsrn Technologies Pvt Ltd from DEC 2018 to till date.

PROJECTS:

Title : TECHNOLOGICAL WAY OF DATA COMMUNICATION

Role : Software Developer

Description : This product maintains frequent interaction between consumer and assitant. It automatically saves the data of the users and maintains in database for future reference.

Responsibilities:

- Initially created GUI designing and its development.
- Involved in introduction utility for the advancement of keys created in the stern design part.
- Engaged protocol association between end user and assistant through an information.
- Preparing reports on project specifications, activities, or status.
- Working as a team to provide collective and unified direction.

PROJECT 2:

Title : DEMINERALISATION OF NON-CAUSTIC FORMULATION METHOD

Role : Software Developer

Description : It is the process that improves the quality of water to make it appropriate for a specific end-use. This analysis is crucial to technical use and the water they can reused for any purposes.

Responsibilities:

- Responsible for UI designing on the dashboard.
- Coding, developing of various modules of projects associate with.
- Associated with design research to enhance dashboard design.
- Involved in plotting graphs with data storage option.
- Involved in functional study of applications.
- Part of a team for resolving issues related to Bug.

PROJECT 3:

Title : LIQUID LEVEL COMPUTING AND STORAGE DEVICE

Role : Software Developer

Description : This product was created to automatically control a motor, which helps to ensure a constant reserve of water in a storage tank. These automatic water level controllers are used to automatically fill the over-head tank.

Responsibilities:

- Maintaining tool equipment.
 - Involved in receiver section for the data received.
 - Analyzing information to recommend and plan the installation of new systems or modifications of an existing system.
 - Proactively addressing all the internal and external risks, issues and dependencies with team work.
 - Ensuring that the project deliverables are reliable, sustainable and can be maintained efficiently.
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- **MTech in Embedded Systems** from **Ellenki College of Engineering for Women** affiliated by **JNTUH** 2016.
 - **BTech (Electronics and Communications)** from **Ellenki College of Engineering Technology** affiliated by **JNTUH** 2014.
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- Won 1st Place in Quiz Conducted as part of school Annual Sports.
 - Won 2nd Place in Shot-put Conducted as part of school Annual Sports

QUALIFICATIONS

ACHIEVEMENTS

**PERSONAL
DETAILS:**

- **Date of Birth** : 28/05/1993
- **Gender** : Female
- **Marital Status** : Married
- **Nationality** : Indian
- **Language Known** : English, Telugu, Hindi
- **Relocation** : Anywhere

DECLARATION:

I hereby declare that all details mentioned above are true to the best of my knowledge.

Date :
Place:

Signature
(Krupa)