

## Personal Information

Name: Rahul Raj

Years of Experience: 0 Years 9 Months

Date of Birth: 20/08/2000

Passport Details:

## Executive Summary

I hold a B-tech degree in Information Technology. I am proficient in Kernel and Driver Linux.

## Project Summary

S.N.	Project Name	Role/Competency	Tools (Platforms/OS to be included)
1	Beaglebone linux OS bringup and UART driver	Development	Tools :Git, GNU tool chain, Minicom OS : Linux

## Employment History

Employer Name	Designation	Duration
Sasken Technologies Ltd	Engineer - Kernel&Driver-Linux	Aug 2022 - Till Date

## Education Details

College/University	Degree	Specialization	Duration
Siliguri Institute Of Technology	B Tech - Bachelor of Technology	Information Technology	July 2018 - July 2022

## Project Details

### 1. Beaglebone linux OS bringup and UART driver

we have beaglebone black which is a single board computer and usb to ttl cable. our task is to first boot the beaglebone black image into the beaglebone board after that we have to build the custom linux kernel and establish communication within the different uart port of beaglebone board and between the board and pc.

Responsibilities:

- My responsibility is to build the custom kernel for the beaglebone black and then establish the communication through UART using the usb to ttl cable.

Duration: March 2023 - March 2023

Tools:

- Git
- GNU tool chain

- Minicom

OS:

- Linux

Languages:

- C

Technologies:

- Embedded Systems
- UART

## Training Details

Trainings Undergone in Sasken:

1. Building Programming Acumen
2. Data Structures and Algorithms
3. Information Security Management System
4. Linux Device Drivers
5. Linux System Programming
6. POSH-Mandatory Training
7. Sasken EDGE

## Memberships

Not Available

## Professional Certifications

Not Available

## Publications

Not Available

## Patents

Not Available

## Language(s) Known

Language Name	Read	Write	Speak	Mother Tongue
English	Yes	Yes	Yes	No
Hindi	Yes	Yes	Yes	Yes

## Awards and Recognitions

Not Available

To know more about Sasken KenMAP rating, click here:

[http://www.sasken.com/career/talent\\_incubation/KenMAP\\_ratings.html](http://www.sasken.com/career/talent_incubation/KenMAP_ratings.html)

