

PROFESSIONAL EXPERIENCE

- Intel Corporation**
GPU RTL Design Engineer - Power Management

Bengaluru, India | Work from Home
February 2022 - Present

 - Implemented handling of dynamically allocating compute resources on a need basis, thereby reducing overall power consumption by the GPU, in the Power Management unit. Implemented it with **firmware override capability that can be used to fix unforeseen bugs** found after manufacturing the GPU.
 - Implemented the infrastructure necessary to generate multiple Power management Units(PMUs) with all or fewer features from a common PMU that contains all features. With this, the generation and deletion of a new PMU is **much faster and just few steps away**. This is **included in the latest project to bring the GPU products into the market at a faster pace**.
 - Within the team, initiated taking two 15-minute work-pace breaks to play foosball, one in the morning and another in the afternoon, **to refresh and recharge**, and to **improve the relationships among team members**. This is consistently being followed for the last 7 months.
- Intel Corporation**
GPU Architect - Power Management

Bengaluru, India | Work from Home
July 2020 - February 2022

 - Created High level Architecture specification(HAS) for Arbitration logic between two Controllers, namely Xtensa Micro controller and TAP, such that the requests from the Xtensa micro controller are prioritized **to maximize overall performance of the system**.
 - Automated various tasks needed for debugging the memory hardware and **reduced the overall time to do so by approximately 10 times**.
- Mphasis Pvt. Ltd**
Associate Software Engineer

Chennai, India | Mangaluru, India
July 2018 - July 2019

 - Researched and proposed solutions to the identified software vulnerabilities in Centive, an Incentive Application. These are **accepted by the upper management for implementation**.
 - Developed an Internet banking website with basic functionalities, as part of the software development training, within 3 days time, with **proper planning and team coordination**, and demonstrated it

EDUCATION

Program	Institution Name	CGPA Marks	Completion Year
Master of Technology	Indian Institute of Technology, Madras	8.85/10	2020
Bachelor of Technology	National Institute of Technology, Puducherry	8.64/10	2017
Higher Secondary(Class 11 &12)	Sri Vidya Vikas Junior College, Chittoor	977/1000	2013
Secondary(Class 9 & 10)	Jawahar Navodaya Vidyalaya, Chittoor	8.4/10	2011

KEY PROJECT(S)

- Referrals**

July 2021 - October 2022

Refer prospective job seekers to job openings at Intel, use Professional media platforms to spread the information about Intel job openings, and automate most of the repetitive tasks using programming languages.

 - **Helped 53 job aspirants** to get a job at Intel, and thereby to advance in their careers.
 - **Made over 1,300,000 impressions** on the posts related to Intel job openings through LinkedIn.
 - Increased the number of followers of my LinkedIn page by **about 23 times**, from 250 to about 5730.
 - Automated most of the repetitive tasks and thereby reduced the weekly recurring work time **significantly by about 12 times**(from about 12 hours to an about 1 hour).
 - Generated about **1.5 times of my annual salary from full time job** with about **3% of efforts**.