

## Describe a project you have done.

My recent work experience was with Fiorano Softwares. Fiorano is a global Corporation with proven leadership in Integration middleware, API Management and peer-to-peer distributed systems. I was a part of Enterprise service bus team of Fiorano SOA product. An ESB acts as a high-speed expressway for data flow in an enterprise, enabling seamless communication among mutually interacting software applications. Fiorano ESB obviates point-to-point integration efforts and integrates heterogeneous applications, databases, cloud and other systems.

As a developer my task was with the enhancements in overall Fiorano 11 version product which includes,

- ➔ server end communication with ESB Dashboard which is a web based management tool named Fiorano Management console.
- ➔ Implemented RESTFUL services for the various calls on the product modules through SwaggerUI.
- ➔ Handled support for launching, stopping and restarting an application using a web interface which involved front end and back-end implementation in JAVA.
- ➔ Played a major role in JMS implementation of server end client requirements on the latest Fiorano 11 product version.

Apart from this, I had an experience as a C++ developer at NVIDIA Graphics, in Generating individual test modules for general purpose central DMA model on the tegra SoC in C++ language and TLM 2.0 platform.

Enhances the GPC-DMA test bench in SystemC with request and response event notifies that checks the functionality of registers and data transfer through DMA.

## What will you bring to the team if hired?

I have always been an energetic worker. Throughout my work history- this energy has shown itself in my upbeat attitude and ability to keep busy. I like to take initiative to help on special projects and day-to-day tasks to ensure tasks get done. If I were to get this position- this energy- and everything that comes with it- would lead to brainstorming- innovation and efficiency. I'm very good at keeping all parts of a project moving forward and on target, and meeting management requirements. I'm aware that this job involves time pressure and that you are looking for someone who can multitask, with regular deadlines throughout the year.

As mentioned by Fidessa, making money in today's financial markets is all about staying ahead of the curve. Having this capability, made world's premier financial institutions trust Fidessa to provide them the services. Given an opportunity and having known the core principles of Fidessa, I am confident enough that I can be valued addition to the organization with my passion for work and recent technologies.

I am sai Nikhila currently pursuing masters in computer science. I had a prior professional experience in product development and relevant experience in C++. My recent work experience is with Fiorano softwares

## **How did you get interested in programming, how did you learn it?**

I've always loved fixing things methodically. I enjoyed math and science- so when I began using a computer I naturally became interested in learning how it worked. During my Bachelor's I was hired as a system Architect intern at NVIDIA Graphics India. I was very fascinated by the working of Tegra chip and the memory controller and the programming done behind it. This experience gave me a lot of encouragement to learn C++ programming language and apply the same with the memory model. Later on, this learning helped me to build my knowledge in object oriented design and gradually to product development in various applications. I had selected my course projects too in this field so that I can get the basics built up firm and apply them in my professional career.

I have learnt programming not just theoretically but got to be lucky enough to apply them in actual realtime products as in Tegra SOC at NVIDIA and Fiorano 11 SOA Product. I feel more fascinated when I see my work work in real time and get the passionate to learn more and try implementing my ideas.