Rayster Fernandes

Senior Software developer C++

**Address :** HNo.123/3 Mainath Bhatti, Arpora, Bardez, Goa 403516.

**Phone :** +91 8975060646

**E-mail :** [raysterfds@gmail.com](mailto:raysterfds@gmail.com)

**LinkedIn :** [www.linkedin.com/in/rayster-fernandes- 17583514b/](http://www.linkedin.com/in/rayster-fernandes-%2017583514b/)

**Website :** https://github.com/Rayster271196

**Summary:**

With 3 years and 2 months of experience in coding in C++ using design patterns like singleton, façade and responders and observers. I also possess extensive knowledge about smart pointers and practice good memory management skills in C++. I also have working experience with boost, pugixml and restbed libraries. I pride myself on writing neat and easily understandable code following standard coding conventions.

1

**Skills:**

* Strong object oriented expertise, design patterns using C++.
* Worked with boost, pugixml, and restbed libraries and many more.
* Worked on sockets and REST api development.
* Worked on server client architecture with multithreading.
* Worked on rapidjson to handle and process data.
* Adobe Indesign, Illustrator Plugin development.
* Responsible for implementation of features from concept to release.
* Algorithm implementation using C++.
* Worked in Agile / Scrum Environment.
* Knowledge on cocoa and objective C used for UI in mac.
* Knowledge on Angular JS framework.
* Clean code which follows coding conventions.

**Work History:**

* Senior Software Developer C++ (*Current – Oct 20 to present*)

*Inbetween Software Development Pvt Ltd*

* Working with BOOST, RAPIDJSON and PUGIXML libraries for implementing robust solutions.
* Worked extensively with various design patterns like singleton classes.
* Worked with smart pointers and multithreading concepts.
* Worked on implementing REST API’s.
* Practised good memory management using smart pointers.
* Working with tortoise SVN for code commit, updates and overall code maintenance and improvement.
* Working with JIRA to maintain time logs and efficient time management.
* Responsible to communicate with customers to understand issues and fix the issues for InDesign, QuarkXpress and Illsutrator.
* Responsible for fixing existing bugs, implementing improvements from concept to implementation for QuarkXpress CC2016, CC2017, CC2018, CC2019, CC2020 for windows and macOS.
* Responsible for front-end development and back-end development using Angular and C++ respectively for Adobe Illustrator CC2020 and CC2021 for windows and macOS.
* Responsible for improving performance of existing code bases in InDesign, QuarkXpress and Illustrator for all versions mentioned above.
* Responsible to communicate with java side server team to pinpoint bugs and issues in code.
* Working with various versions of Microsoft Visual Studio for debugging C++ code base , and Visual studio code for debugging our Angular code base.
* Software Engineer (*July 2018 – Aug 2020*)

*Visteon Technical services Pvt Ltd*

* Designed and implemented XCP handler for connecting calibration systems to electronic control units using C++.
* Responsible for coding, debugging and testing of Security Access Seed/key Algorithm with different levels of security using C++.
* Worked on singleton design patterns such a singleton classes to implement solutions.
* Worked on multi-threading and handling data over the LAN via sockets.
* Worked on development and testing for ADAS features in Matlab/Simulink 6 and also understanding technical documentation for AUTOSAR which is standard in the automotive industry.

**Education:**

1. Bachelor of Engineering in Computer Engineering (June 2014 – June 2018)

*Agnel Institute of technology and Design – Assagao*

* Passed with first class in distinction.
* Coordinated and organised technical (Tech-Urja) and cultural (FACT) event for our college
* Blood cancer detection using two data mining algos (k-nth neighbour and random forest) for accuracy comparison and image processing techniques for pre-processing of raw data.
* E-commerce website to buy phones of your choice using HTML, CSS and JS.

1. Higher Secondary Education in Science stream (June 2012 – June 2014)

*St.Xaviers Higher Secondary School Mapusa.*

* Learnt basics of Computer science and OS concepts.

**Accomplishments:**

* Developed and designed and hosted an online resume using HTML, CSS and JS and hosted on github pages.
* Implemented seed and key security algorithm for GAC project.
* Appointed sports in charge and organised various sports activities.
* 2nd rank holder intra-college for 4th year of B.E in Computer Engineering (2017-2018).
* 3rd rank holder intra-college for 3rd year of B.E in Computer Engineering (2016-2017).

**Technical References:**

* Name : **Umang Salgia**

Organization : **Xoriant**

Designation : **SVP Technology Solutions**

Phone Number : **+91 9860053225**

* Name : **Vikram Narayan**

Organization : **Visteon(US)**

Designation : **Head od AI/perception ADAS**

Phone Number : **+1 (734) 288 1099**

* Name : **Sujata Nehere**

Organization : **Visteon**

Designation : **HR Visteon Pune**

Phone Number : **+91 9763923004**

**Interests:**

* Finance
* Stock market
* Fitness freak
* Football

**Languages:**

* English – Fluent.
* Hindi – Fluent.

**Declaration:**

I hereby declare that the above information is true to the best of my knowledge and belief, if given a chance, I can prove myself.