# KARTIKKUMAR RAO

Staff Software Engineer

## Contact

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GitHub
LinkedIn

## Programming

•C++
Basic Knowledge on:
•Python, C#

## Tools

•Visual Studio
•Eclipse, Windbg

## Misc

•Data structures and Algorithm
•OS: Windows, Linux
•Design Patterns, Multi-threading

## Education

Degree - B. Tech
Stream - Information Technology.
GPA - 8.11

## Experience

| April-2018 | Virsec Systems, Bangalore<br>*Staff Software Engineer VSP-Host* | Full time |
| Jul-2014 | McAfee, Bangalore<br>*Senior Software Development Engineer in Anti-Malware core* | Full time |
| Mar-2013 | Oracle India Pvt. Ltd., Bangalore<br>*Software Engineer in Siebel Server core.* | Full time |
| Aug-2010 | Honeywell Technology Solutions Lab, Bangalore<br>*Engineer in HMI Web technology* | Full time |
| Jan-2010 | Honeywell Technology Solutions Lab, Bangalore<br>*Project Trainee in FMS* | Intern |

## Projects

**2018-ToDate — VSP-Host** — C++, Python, Multi-threading, Windows Kernel
Working on developing next generation security products for protecting Software Workloads, processes and Memory at runtime.

**2015-2018 — Endpoint Security for Mac** — C++, Multi-threading
Worked on development of Aribitary Access Control module which involved working on kernel and user mode. Involved in enhancement and resolving customer issues.

**2014-2015 — Anti Malware Core** — C++, Python, Multi-threading
Involved in the develpment, enhancement and resolving defects of Anti Malware Core product which is the part of McAfee's Anti-Virus Solution.

**2013-2014 — Siebel Server Core** — C++, Multi-threading, Data structures and algorithms
Worked on the Siebel Server Core infrastrucre which is a cross-platform component of the Siebel CRM application. The server core is a multihreaded C++ component that makes the Siebel CRM robust and scable.

**2010-2013 — HMI Web** — C++, C#, asp.net, MFC, VC++
Worked on the Human Machine Interface(HMI) Display builder and station which are COM exes and provide high performance vector graphics.Involved in improving the product quality by resolving defects in the product.

**2010-2010 — Flight Management System** — C#.net, SQL
Developed a Estimation Tool for flight management system for the Aerospace domain which estimates the man hours required to complete a module using the various software engineering concepts.