VENKATESH M
Senior Engineer

Birth Date
03.06.1995

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141, 2nd Floor, Shalom Villa,
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Languages
English
Tamil

LinkedIn
https://www.linkedin.com/in/vmaharajan

Experience

Commvault Systems, Bangalore   Jun'17 - Present
Senior engineer
- Designed and developed Solr DB backup and restore for Commvault's Index servers.
- Designed and developed bare metal recovery solution for physical machines to amazon cloud and azure cloud.
- Added cross firmware restore support for Commvault's bare metal recovery solution.
- Added support for boot configuration database merge for Commvault's bare metal recovery solution
- Enabled Commvault's cross-hardware bare metal recovery by developing support for installation of device drivers during restore using DISM.
- Added support for the boot critical applications installed on the non-system drives.

Commvault Systems, Bangalore   Dec'16 - May'17
Student Intern
- Designed and developed a feature to restore folder timestamps in distributed environment which made the restore operation consistent.
- Modified Commvault's log viewer to view remote logs live.

Intel, Bangalore   May'15 - Nov'15
Platform Engineer Intern
Developed a visual studio plugin for the Google's test framework to automatically create test cases. Also, developed sample projects for the Intel, Graphics Driver SDK using C# .Net framework

IIT, Mumbai   Apr'14 - Jun'14
Research Intern
Added clipping feature to the vector analysis module of Gram++, a software to analyze the localized information. Also, Modified Sutherland Hodgeman algorithm of clipping to support erase functionality and added the same as a feature to the Gram++.

Education

PSG College of Technology, Coimbatore   Jul'12 - May'17
Master of Science, Theoretical Computer Science (7.8/10 CGPA)

Areas of Interest

Data Structures & Algorithms   Operating Systems

Technical Skills

Languages		**Frameworks & Tools**	
C++	●●●●	MySQL	●●●○
Java	●●●○	WMI	●●●○
Python	●●●○	Android SDK	●●○○
C#	●●●○	Matlab	●●○○
JavaScript	●●○○	Unity	●●○○
Bash	●●○○	OpenGL	●●○○

Achievements

Won first prize in the *Hackathon* event in Commvault   Aug'19
Developed an AI based resource pool that can-do tasks on idle machines on the network

Won first prize in the *Botwars* event in Commvault   Aug'17
Developed a bot for the dots and boxes game