

Mugunth Kumar M

Qualification

Master of Science (Information Systems), Nanyang Technological University, Singapore

Bachelors of Engineering (Information Technology), India

Profile Summary

A post graduate with close to 5 years of work experience in software design & development, I'm associated with **Honeywell**, Singapore. I was previously working with **The General Electric Company; America's Most admired company**, as a **Software Design Engineer**. I am proficient in developing windows applications targeted for the **.NET Framework using C#**. I also have been actively involved in complete software development life cycles and application of **Six Sigma and Lean** methodologies to improve the process and innovate, if required, new process. I have had extensive exposure to the Windows API and Object Oriented Methodologies and have been working as a key software designer in automation industries throughout my career.

Accomplishments (Job Related)

- ✓ Working closely with different vendors at **Marina View** to integrate their product to work with Honeywell's Centralised Automation Control System.
- ✓ Handled the integration of different vendors at **Marina Bay Sands** into Honeywell's Centralised Automation Control System.
- ✓ Applied the usability engineering knowledge acquired during post graduation and **Improved the usability** of a web application, Maintenance Mate used at **Singapore General Hospital** while working at Honeywell.
- ✓ **Designed and Developed a extensible system** for displaying the road traffic conditions on a Windows Application for a small company, attached to NTU. This was a 2 month part-time job I did during my Master of Science course. The system is extensible, in the sense, at a later stage, just by creating a dll that implementing a interface, "places of interest" (or anything else) can be shown on the same map.
- ✓ Won a **Engineering Excellence award + Cash Prize** within one year of service at **GE**. The award is deemed to be the highest award for technical competence at GE

- ✓ **Architected a Utility Suite** that analyses and displays a graphical output of log files of a variety of railway signalling controllers. The architecture provides an easier way to add other third party controllers, just by creating a new XML file. When finer control over the log file parsing is needed, a DLL implementing a interface will do the functionality.
- ✓ **Handled a project without leadership support** when two other team members, including the lead, resigned at a early stage in the project. Received appreciation and cash-awards for this accomplishment at **GE**.
- ✓ Completed **JETRO Japanese Proficiency** Exam in 2005 and was accredited at level J3.
- ✓ Won a internal project competition done in **C++** as early as December '01 in my early college life.

Accomplishments (Personal)

- ✓ One of my local iPhone app (SG BBOM) was picked up by SingTel and I'm now a **SingTel partner** for promoting local apps for Singapore market. This app was downloaded from the AppStore **over 15,000 times** in the launch month.
- ✓ Worked closely with the CEO and VP of **Syncplicity** for developing an iPhone application using their private RESTful API. The product was very successful and more than **1,000 copies** were downloaded from the AppStore in the launch month.
- ✓ Wrote a BingDownloader software to automatically download daily images from bing.com. The software was featured on various tech blogs.

Soft Skills

- ✓ Inherent knack in learning new technologies (demonstrated by learning iPhone programming).
- ✓ Though, I take time to learn things, I can easily make award winning and notable applications/products using any technology that comes along.
- ✓ Design and technical expertise, which not only won me a job at the World's most admired company, GE, within a year of graduation, but also an Engineering Excellence award, within one year of service at GE, deemed to be the top most award in the company for technical expertise.
- ✓ Good command over Presentation skills and presented professional Tech-Talks on various topics at GE India Technology Centre.

- ✓ Ability to learn from mistakes of others.
- ✓ Clear thinker.

Employment History

- ✓ **Honeywell Pte Ltd**, Singapore (May 2008 till date)
- ✓ **GE India Technology Center**, Bangalore (Sep 2005 - Jul 2007)
 - Left the organization to pursue post graduation degree at Nanyang Technological University.
- ✓ **Patni Computer Systems**, India (Aug 2004 - Sep 2005)
 - Left the organization, seeking better opportunities at GE.

Passport/IC Details

Number: E9021654; **Expiry:** 21st April 2014; **Issued:** Tiruchirappalli, India
Singapore IC: S8383049B

Contact

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Linguistic abilities

- ✓ **English** and **Tamil** (Mother tongue), to speak, read, and write fluently.
- ✓ **Japanese**, to speak, read and write to an extent to manage life in Japan.