



Suryanarayanamurthy Hanumantha Vajjhala

Curriculum Vitae

"I Recently finished my M.Sc.– Applied Computer Science at Heidelberg University of Applied Sciences. I have about 5 years of experience in software development. I am currently looking for a permanent job as a software Developer, where I can contribute, learn and gain valuable experience."

Education

- 2013–2015 **M.Sc. Applied Computer Science**, Heidelberg University of Applied Sciences, Major GPA 2.2, Complete GPA 2.2.
Schwerpunkt Business Computing
- 2005–2009 **Bachelor of Engineering**, Visvesvaraya Technological University, Bangalore (India), First Class.
Branch Computer Science & Engineering

Masters Thesis

- Title *Backlog Management Tool*
- Supervisors Prof.Dr.-Ing.Gerd Moeckel & Dr. Peter Misch
- Description In this thesis we analyze and try to understand what are the issues with Agile methodology for International Projects and what are the known issues with current tools used for project management. After that we discuss all the possible solutions and put together these solutions as detailed software requirements for a tool called "Backlog Management Tool".

Experience

Vocational

- 2014–2015 **SAP SE**, WERKSTUDENT UND THESE STUDENTEN, St.Leon-Rot – Germany.
Here my job was to analyze on two topics, *Fraud management* and on *Agile methodology* for Banking and Finance Globalization department. I continued my research on Agile methodology and have done a thesis on this domain.
Achievements:
- Done a research on AGILE METHODOLOGY , and more specifically on BACKLOGS MANAGEMENT .
 - Developed few sample HANA XS applications using HANA studio and SAP WEB IDE.

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Industrial

2011–2013 **Robert Bosch Engineering and Business Solutions Limited (RBEI)**, SENIOR SOFTWARE ENGINEER, Bangalore – India.

I worked in different projects when I was at Bosch.

- **BOSCH SECURITY SYSTEMS:**

I was involved in a team where we write configuration software to panels , so that these panels can communicate to all other safety detectors like "fire detectors", "smoke detectors", "heat sensor" etc, and can make intelligent decisions based on the signals sent by these detectors.

- **Technologies used**– WINFORMS, C#, .NET

- **SWIFT:**

I worked for a brief period of time in a project called SWIFT , this is a tool which flashes a given binary file which is in s28 format to the ROM of the wiper motors of cars.

Additionally for this project I developed automated Unit-test cases in Visual studio.

- **Technologies used**– WINFORMS, C#, .NET, C, C++.

- **PLANNING SOFTWARE:**

This was a tool we started from the scratch. This tool was used by building architects to estimate the cost of the installation of fire security for his/her's building plans .This project was particularly complicated because each fire security product was having some dependency on some other product and also we had to consider the availability of that product in a particular country because of the country regulations . Because of the challenges and demands of this project we were following a Agile development process.

- **Technologies used**– C#, WPF APPLICATION DEVELOPMENT, XML, MS-ACCESS, .NET, IBM CLEARCASE, MICROSOFT SILVERLIGHT.

My tasks here was to Design and implement the features that met the user's requirements document. Used input from product management and marketing team to develop the functionality and overall look of the application to fulfill needs of customer.

Understood the code-review process and tried to maintain good coding practices. Interacted with customers to clarify customer requirements.

Others

2010–2011 **Pravagha automation pvt ltd**, SOFTWARE ENGINEER, Bangalore – India.

Pravegha automation Pvt. Ltd. is the offshore development center for Sapphire Infotech, a California based startup to develop Sapphire's test automation solution called TESTSMART.

Project Description:

TESTSMART as a product is a test automation framework that provides an interactive user friendly graphical interface to automate test activities without programming/scripting knowledge. This is mainly targeted for networking domain.

- **Technologies used**–

- WINFORMS application development using C# language on .net 4.0 framework with VISUAL STUDIO
 - DEVCOMPONENTS – It's a third party UI library for .net which we used to provide the MS-Office like interface for the application.
 - ACTIVEREPORTS – It's a third party library for .net which is used for reporting. It was used in our tool to give a report on number of automated test-suits/test-cases passed or failed.
 - MS-ACCESS as database.

2009–2010 **Pragathi info tech** , SOFTWARE ENGINEER, Bangalore – India.

Pragathi Infotech is a start-up product based company which developed products like:

- FLEX-LAB: Laboratory Information Management System for Clinical Labs.
- JUST BILL: General purpose billing software. Smart Money:Personal Money Manager.

For the above projects I was involved in the Algorithm development for retrieving data in a particular format , UI Design , development of logic for serializing and deserializing objects etc.,.

Finally I mainly done the entire end to end development of Project called STEGANOGRAPHY;This project hides data file of one type (i.e. video, audio, text) into another file type. This project has lots of potential for the network security , the entire application was developed in WINFORMS ,C# language.

Certifications

2013 Microsoft Certified Professional

2013 Microsoft Specialist–Programming in HTML5 with JavaScript and CSS3 Specialist

2014 SAP Certified - Associate Business Foundation & Integration with SAP ERP 6.0 EHP5

Computer skills

Basic	ANDROID DEVELOPMENT, GOOGLE APP ENGINE, AWS, UNITY 3D, BLENDER, UNREAL ENGINE.
Intermediate	C++, JAVA, PYTHON,NO-SQL (MONGODB).
Advanced	C#, WINFORMS, WPF, WCF, SAP HANA, HTML5 WITH CSS AND JAVASCRIPT.

Communication Skills

Good Communication skills gained due to working in multiple teams throughout my carrier

Developed my communication skills while doing different presentations and interactions with the customers.

Languages

English	Mothertongue	<i>Native</i>
Deutsch	Intermediate	<i>Listening skills and basic speaking.</i>

Interests

- Reading
- Running
- Cooking