

Deepak S

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Seeking assignments in Software Development with an exciting and innovative company that offers room for progression.

1. Profile Summary

- 2 Years & 11 months of industry experience in **Software Development and Integration in C/C++, Linux & Windows platforms.**
- Currently associated with **Siemens Healthcare, Bangalore**, as Senior Software Engineer.
- Worked extensively in C/C++ languages and have strong knowledge on **UNIX & Windows** platforms.
- Experience in designing and developing Proxy design patterns, interfaces and other design patterns in C++.
- Experience in debugging the crash dumps using **GDB , Visual studio, WinDBG.**
- Experience in ALSA programming and Bluetooth profiles.
- Worked on databases like **Sqlite, SQL.**
- Done academic projects on ASP.NET, VB.NET, Azure cloud, SQL.
- Good Debugging, Analytical, Problem Solving and Communication skills.

2. Experience Summary

1. Wipro Technologies (23-SEPT-2013 To 17-JULY-2015)

- Responsible for creating middleware applications for Automotive Infotainment
- Worked on Bluetooth profiles for automotive systems; MAP profile and have knowledge on developing upper layer for the same.
- Have a created sound application using ALSA in linux to transfer voice data between PCM lines of Mic,Speaker and HFP which enables Hands free voice calls for a paired phone in infotainment systems of car.
- Developed portable applications in C++ which enable the middlewares to communicate with any audio & sound services.
- Developed multi-threaded applications to bundle up multiple features into single process.

- Involved in development of middleware application for MAP Bluetooth profile that communicates with BTStack and responds to upper layer.
- Worked on Sqlite database to store & retrieve the messages.
- Worked on navigation services for infotainment systems which communicates between the user interface and map provider.

2. Siemens Healthcare (20-JULY-2015 To Till Date)

- Currently involved in Development & Integration of Healthcare software in windows platform in C++.
- Responsible for adding new features to the software and also modifying and enhancing existing features..
- Responsible also for analysing, debugging and fixing the bugs in the existing system.
- Have been working on tools like Rational ClearCase, ClearQuest, Code Collaborator etc.
- Gaining knowledge in windows programming, MFC, SQL, C# &.NET technologies.

3. Skills

- Extensive knowledge on Data structures and algorithms (Linked lists ,arrays & trees) and hands-on experience on the same.
- Extensive Hands-on experience and knowledge in C,C++ in UNIX/LINUX & Windows platforms.
- Basic Knowledge in MFC Programming.
- Knowledge on designing applications.
- Knowledge in ASP.NET,VB.NET, AJAX ,python (learning).
- Sqlite, Sql ,MySQL ,Ruby on Rails(basics & learning).
- Android app development (Learning).

4. Educational Qualification

Exam	Board/University of Certification	Percentage	Year	Institution
S.S.L.C	State Board	78.8	2004-2005	Thiruvalluvar.Hr.Sec.School, Gudiyatham.
H.S.C	State Board	61.8	2006-2007	Thiruvalluvar.Hr.Sec.School, Gudiyatham.
BCA	VIT UNIVERSITY	8.67CGPA	2007-2010	Vellore Institute Of Technology.
MCA	VIT UNIVERSITY	7.32CGPA	2010-2013	Vellore Institute Of Technology.

5. Academic Projects

Patient health information management in cloud with Cypher Text Policy based encryption (MCA final project)

Where windows azure cloud service was used to store the encrypted data. Front end was designed with AJAX in .NET.

Place: Bangalore

Date: 20-Aug-16

(Deepak.S)