

Sugeeswara Gurudeniya (Sach)

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Profile: www.sach.site/resume

PROFILE

Accomplished software engineer specializing in object oriented software design and development, and Microsoft .NET framework. Seven years of experience in the industry in all aspects of software development including requirement gathering, design, coding, testing, and maintenance. A highly motivated professional who possesses excellent communication skills and is comfortable with working in a team environment as well as alone. Looking for challenging opportunities to work with talented people in a competitive environment.

CORE COMPETENCIES

- **Coding:** C#, C/C++, WPF + MVVM, XML, Java
- **Database:** Microsoft SQL Server
- **Frameworks:** Microsoft .NET, Adobe Acrobat
- **IDEs:** Visual Studio, Eclipse, IntelliJ
- **OS:** Windows, Linux/Unix, Mac
- **Other:** Object Oriented Programming (OOP)

PROFESSIONAL EXPERIENCE

METATECHNO INC., Tokyo, Japan

Senior Software Engineer, March 2008 – June 2014

- **Canon EOS-M3, Powershot, and Canon IXY digital camera series by Canon Inc., Japan.** Developed, tested, and deployed user-interactive menus for cameras.
- **'PHOTOPRESSO' online photo album print service by Canon Inc., Japan.** Designed, implemented, and maintained with regular updates the back-end of the system. It included a plug-in developed entirely by myself using the Adobe Acrobat SDK to generate PDF files that are sent to the industrial level printers for actual printing.
- **'Ray Modeler', a 360 degree 3-D display still in R&D stage by Sony Corporation, Japan.** Designed algorithms and performed improvements and updates to the software system of the display unit which performed the data transfer between the unit and the computer.
- **'PrintStreet' print system by Metatechno Inc., Japan.** Designed and implemented upgrades to the system which handles data and instruction flow between industrial level printers and the user interface of the print job software. JDF/JMF technologies were extensively used in this project.

METATECHNO LANKA (PVT) LTD, Colombo, Sri Lanka

Software Engineer, May 2007 – March 2008

- **MIS software developed by Metatechno Lanka (Pvt) Ltd.** Designed, developed and tested the database of the system.

EDUCATION

UNIVERSITY OF NEVADA LAS VEGAS, Las Vegas, NV

Master of Science in Computer Science, August 2014 – May 2016

- **Thesis:** A simulator application for distributed leader election algorithms. Using Microsoft .NET framework and Visual C#, I developed an application program to simulate the execution of distributed leader election algorithms in a non-distributed environment.

UNIVERSITY OF PERADENIYA, Sri Lanka

Bachelor of Science in Mathematics, December 2006

ADDITIONAL SKILLS

- Trilingual: English, Japanese, and Sinhalese.
- Experienced photographer.