Curriculum Vitae

RAMEN GHOSH (CTS ID: 472909)   http://in.linkedin.com/in/ramenghosh/
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PROFILE

- Currently Working as **Project Manager** at EBA-Cog Interactive-Int Design in **Cognizant Technology Solutions**.
- Have good mix of **technical** and **project management experience** in multiple technologies.
- Sound knowledge of **Software Development Life Cycles & Software Development best practices.**
- Having strong Technical Development and Solution Architect experience on Multiple Projects with **Python, C++, web services using REST and SOAP, Object Oriented Programming, Oracle, SQL Server**, **MySQL**, **Shell Script**, **Perl, Linux, Kapow Katalyst, Rackspace and Cloud**. **Excellent in Python Programming.**
- **Specialties**: Project Management, People Management, Problem Solving, Risk Management, Project Planning, Tracking & Delivery, End to End Coordination, Reporting, Expectation Management, Software Life Cycle management, Team Management & Coordination.
- Working daily with multiple stockholders, domain experts, solution architect, vertical leads and senior managements.
- Extensive experience in **leading technical teams**, with ability to support **multiple simultaneous projects** and product requirements and extensive experience in project planning, scheduling, control, execution, deliver & release management for multiple customers, controlling project metrics, configuration and risk management.
- Proficient in communicating, coordinating and negotiating with all the stakeholders. Effectively training and mentoring on-site and offshore junior Associates across globe – US, Romania, China.
- **Strengths: Analytical & Troubleshooting skills, Analyze & Design solutions, virtual stakeholder management, balanced technical and management skills, quick learning.**
- Held 200+ interviews for various developer positions in team. Also having experience of driving Internship program execution and building team.
- Work with **Agile Project Management** knowledge. Experience moving teams from waterfall to agile.
- **ITIL v3 Foundation Certified**

EDUCATION

Post Graduation:
Master of Technology (M.Tech)
Stream: Computer Science & Engineering.
Institute: Manipal Institute of Technology
University: Manipal University
CGPA: 8.81/10

Graduation:
Bachelor of Technology (B.Tech)
Stream: Computer Engineering
Institute: Sikkim Manipal Institute of Technology
University: Sikkim Manipal University
Percentage: 65.84%

TECHNICAL EXPERTISE

Programming Languages	:	C, **C++, STL**, Lex and Yacc, Assembly Language Programming (8085, 8086), Visual Studio.NET, **Boost C++ Library**, COBOL, JAVA
Modeling Languages	:	**UML (Unified Modeling Language)**
Scripting Language	:	**Python, Pythar, Django, CherryPy, Perl, Bash,** Perl CGI, Perl, Tcl- Tk
Tools	:	gnu-gcc, ddd, gdb, tkdiff, make, gmake, gnu-autoconf, powerpc-eabi, gpl-git, LSF, Matlab, NFS, vmWare Workstation, phpMyAdmin, LDAP
Embedded Simulator	:	Simics (A full system embedded simulator, Product of Virtutech), Freescale Simulator (Functional Simulator, Hybrid Simulator)
Processor Model	:	Freescale Processor P1020, P4080, SoC Flow
Web Technologies	:	**HTML, JSP, CSS, XML, TWiki, XSD, xpath, XSLT, JSON**
Web Scrapers	:	**Java Scripts (node.js), Python (lxml, beautifulsoup, Scrapy), Kapow Katalyst**
Web Server	:	**Apache, Tomcat, IIS**
Reporting Tool	:	**Jasper Server, iReport**
Process Management Tool	:	**Serena Business Manager**
Version Control Software	:	**Perforce and it's Administration,** CSV, **SVN and Administration.**
Operating System	:	**Windows XP, Windows 7, Windows Server 2008, UNIX, Linux, Solaris, Ubuntu**
Data Base Technology	:	MS SQL Server, **Oracle 9i & 10g, 11g, SQL**, PL/SQL, MySQL
Storage Technology	:	**Information Storage and Management**, CLARiiON (EMC2 Product)

PROFESSIONAL EXPERIENCE

MANAGER PROJECT
Cognizant Technology Solutions, Hyderabad
Dec 2014 – Present

- Working as **Project Manager** for **BFS Project** and acting as **key technical person** and helping account in **delivering UBS Web scraping Project**.
- Active contributor in **solution designing**, **review & drives out POC, consulting various vendors** and acting as key person in **Project side implementation**. Detail review of solution and highlighting pros and cons. Do **intensive research** and come out with propose solution wherever require.
- Adaption and in depth study of **Kapow Katalyst**, project side **implementation** & **server side configuration**.
- Acted out as **Key Technical person and drive out implementation and configuration of MySQL Database, SVN, Python Environment Setup, Scrapy, Production Environment setup in Virtual Data Center & Cloud in Linux, Verification and Configuration of Proxy server Cloud Solution , Integration with Application and finally delivery of tasks.**
- **Interviewed 100+ people** and build up the **Development Team in India and China.**
- Regularly participated on almost all the **management meetings** for the respective projects
- Communicate to team members all the milestones, objectives, priorities. Provided various training and build up team on Python, Kapow, MySQL, Linux etc.
- **Developed and maintained constructive relationships with team members, peers and upper management**.
- Prepared of **reports to management, status analysis, progress charts, and any other reports requested by peers or upper management**.
- **Escalated** immediately all issues that **risk the project schedule to appropriate managers and follow up**.
- **Identified risks and weak points in project's life cycles and proposed alternative ways or solutions**
- Provided **training** to new employees and existing employees on require knowledge to properly perform the needed tasks and make them familiar with best practices.
- Established in managing cross-functional teams, customers / end users in a multicultural environment.
- Capable of driving the Team with tight deadline, deliver result to customer and handled multiple escalations smoothly.
- **Coordinate and Build up China Environment** for this Project.

SENIOR SOFTWARE ENGINEER II
Ixia Technologies Pvt. Ltd., Kolkata
Aug 2010 – Nov 2014

- Extreme programming and test driven development. Technically hands-on in coding and bug fixing with excellent object oriented design skills.
- **Focused on Software quality, improvement of Performance and Efficiency, reducing support activity and cost saving by automation**. These involves investigation, improvement recommendations and monitoring of process effectiveness and efficiency with the goal of delivering quality products on-time that delight our customers
- Work experience on the different Platforms and Systems including **Windows, Linux/Solaris/Ubuntu, Mac**
- Exposure in the domains of **Application Development, Web technologies, SCM, Build, Release & Tools**.
- Involved in **all phases of SDLC**, Requirement gathering & analysis, design, develop, testing, deploy and maintain Software Tools for Software Product Development, Automated Testing, Release Management.
- Exposure to a broad range of enterprise software in **Python, Pythar, Django, CherryPy, Perl, Tcl, Multithreading, web services using REST and SOAP, Object Oriented Programming, Database – Oracle , SQL Server, MySQL. Excellent skills in Python and Shell Scripting.**
- Work with **Agile software Project Management** knowledge.
- <u>**Automation:**</u>
    - **Delivered multiple automation & regression framework in Windows and Linux platform**. Work on **optimizing work flows.**
    - Developed multiple **Automation Regression Framework**, Live regression result posting, Regression result publish in web report in different form, integrating with Bug Tracking Tool
    - Integration of different automation regression framework.
- <u>**Tools Development:**</u>
    - Design, develop & administration application using **Serena Business Manager.**
    - **Extensive development using Python.**
    - Developed **Tools to gather Installer Performance data and Analysis**
    - **Developing, Enhancing & Managing CM Build Webpage** (in house cm web pages written mainly on Python & HTML etc)
    - **Implemented multiple new work flow & features in Ixia Bug Tracking Tool, IxTracker(Developed using Serena Business Manager) and integrated this with multiple other Tool.**
    - Designed & developed **HR Tracking Tool to automate the HR Request Process**
    - **Migration of multiple in house tools into python.**
    - Worked on **Database migration project, MS SQL Server to Oracle**. Exposure on creating **Python API to be used internally among other team** , specially API for database access
    - Developed multiple **Python based Reporting and Analysis Tool**
- <u>**Perforce Administration and Automation:**</u>
    - **Developed Perforce Self-Service** application for auto handling perforce requests. This has saved huge time and resource.
    - Setting up **local Perforce Proxy Server**.
    - Implement **Backup system for perforce**.
    - **Recovering unutilized Perforce user licenses** (as Perforce is user based license so recovering each license is very critical and cost effective)
- <u>**Build, Release & DevOps:**</u>
    - Perform **debugging**, **troubleshooting & managing** local and remote environments, **Build Machines**.
    - Designed, developed & implemented the whole new **Build System (Web & Backend part)**
    - Designed, developed & implemented the **integration module to communicate between Build System & Bug Tracker System**
    - Continuous work on **Build System** (Developed in Python) and brought significant improvement in build process by thorough investigation, improvement of process.
    - Developed **Build Replication, Build Achieving and Build Purging** tools using Python.
    - Implemented **multithreading** approach in Build System.

- Implemented **build area reusability** and **increment build approach**.
- Coordinate release activities and troubleshoot relevant issues.
- Configuring **Jasper Server**, Design, Develop and Deploy of jasper reports for different application.
- **Setup and migrate multiple Projects into Rackspace cloud.**
- Develop, improve and optimize existing process, creating documentation, presenting and advising.
- Proficient in communicating, coordinating and negotiating with all the stakeholders.
- **Work with geographically distributed Engineering teams** to facilitate smooth integration and operation of Software Production and Automated Testing tools and processes
- Develop internal team by providing **Training and knowledge transfer.**
- **Manage intern and junior in Team**

SENIOR SOFTWARE ENGINEER
Virtual Employee LLC, Noida
Asseeontv-infomercials.com (Nova Matrix, California)
Aug 2009 – Aug 2010
<u>Project 1</u>

Title	:	Migrating Data Base, Developing & Maintaining the website and Webmaster Activities
Technologies Used:		HTML, XML, Java Scripts, Perl, MySQL, Perl CGI & DBI,
Tools Used	:	Os commerce, FTP Clients, Apache, Google Checkout, phpMyAdmin
Platform	:	Windows, Linux
Role Played	:	Designer and Developer
Brief Synopsys	:	

- Migrating website from one domain to another domain.
- Developing the backend graphical user interface for administrator. It helps to add new product pages, delete product, modify different information including price, new offer, description, product images, videos etc.
- Designing and developing web pages & database for this shopping site. Migrate the existing flat file system database to MySql . Basic objective is to make a centralized database which will be shared among sites.
- Implemented search option in site, Google Checkout, Shopping Cart.
- Proficient in handling direct client interaction. Working as a webmaster. Resolve the daily issues and fixing the bugs. Contentious improvement of the whole system. Major objective is to make automated system.
- Maintain the activities involved in server side. Developed different scripts for daily usage.

Freescale Semiconductor, Noida
June 2008 – June 2009
<u>Project 2</u>

Title	:	**Check pointing Freescales' communication processor P1020 model**
Technologies used:		C, C++, Boost Serialization Library, Perl, Bash (Shell Scripts)
Tools Used	:	gnu-gcc, ddd, CVS, make, gmake, LSF
Processor Model	:	Freescale Communication Processor P1020
Platform	:	Linux, Solaris
Role Played	:	Developer

Brief Synopsis:
- This project is to checkpoint Freescale communication processor model P1020.
- The idea of this project is to execute a program, stop it at a particular moment and then resume executing the program from the same state after any duration of time.
- The main idea behind this is to save all the process states at a particular time into some secondary memory. Then next time the program should resume from the same state where it was stopped earlier, after reading all those saved values.
- Integration of check pointing module with processor model.

Project 3
Freescale Semiconductor, Noida

Title   :   **Porting, Integration, Automation and Debugging of different regression in Functional &**
                               Hybrid mode for Freescales' communication processor P4080
Technologies used: C, C++, Scripting Languages (Perl, Bash, Python, Simics), Twiki, XML, Tcl-Tk
Tools Usd   :   gnu-gcc , ddd, CVS, make, gmake, Virtutech Simics embedded Simulator, LSF.
Embedded Simulator: Simics (A full system embedded simulator, Product of Virtutech), Freescale Simulator
Bench Marks   :   EEMBC, LMBENCH
Platform   :   Linux, Solaris
Processor Model   :   Freescale Communication Processor Model P4080
Role Played   :   Developer
Brief Synopsis:
The objective of this project is as follows:
- To porting different test suites in functional and hybrid mode. Integration of different test cases.
- Automation of whole regression running procedure, generate report, email notification
- Debugging if there is any unexpected result & Update the latest report in Freescale intranet, using Twiki

Project 4
Freescale Semiconductor, Noida

Title   : **Developing Web Based GUI for Processors' Instruction Database**
Technologies used: Scripting Languages (Perl, Perl CGI.pm, Tcl-Tk), MySQL, PL/SQL, HTML
Platform   : Linux
Brief Synopsis:
The objective of this project is as follows:
- Interaction of processor instruction database was command based. This mode of interaction was not comfortable for all the users.
- So, to make it GUI based and more flexible a front end was developed.
- This application will provide all the facilities of interacting the existing database with all the required options like , add new data, delete existing data, modify existing data.
- It also has a facility of user's access level verification. Depending upon the authorization of users , the application permits the users to certain activities in database.

Project 6
veHere Interactive, Kolkata

March 2007- Aug 2007
Title   :   **VCRIMES**, (Call Relative Information Management and Enquiry System) A project on
                               Cyber Lab for Law Enforcement Agencies Govt. of West Bengal
Technologies used: C++, VB.net, Oracle 10g, Telnet & Ftp, PL/SQL
Role Played   :   Software Developer
Brief Synopsis   : This software was developed to identify the suspect who has done a crime with the help of mobile phone .It has done with the help of CDR of mobile.
- Designed an application to track, analysis and identify of a suspect:
- User can Make Query against IMEI no, IMSI no and ESN no etc, but limited users are allowed to make query against DNCN no.
- A GIS model will be there to visually track the position, movement including direction of suspect with the help of   this mobile usage pattern
- Developed module to communicate with different service provider server, download the data file to local server.
- Build a parser to process the file, parse it and extract the required information from data file.
- Various reports are generated as per the requirement.

Project 7
National Software Solutions, Kolkata
Jun 2006 – Feb 2007

Title	:	**Banking (A Financial Package)**
Technologies used:		VB, Vb.Net, SQL server, PL/SQL
Role Played	:	Developer

Project 8

Title	:	**Payroll Management System**
Technologies	:	VB. Net, SQL Server, PL/SQL
Role Played	:	Developer (Trainee Intern)

ACADEMIC PROJECTS

Project 1
Title   : **Online Examination and Quiz**
Technologies   :XML, HTML, PHP, CSS
Project 2
Title   : **Automated Admission System**.
Technologies   : Visual Studio.Net 2005, Oracle 9i, PL/SQL
Project 3
Title   : **Controlling a Robot through Intranet**.
Technologies   : Visual Studio.Net(C#, ASP)

TRAINING & WORKSHOP

- **ITIL v3 Foundation Certified**
- Attended Training on **"7 Habits for Highly Effective People"**
- Attended Training on **Serena Business Manager Designer and Administrator**
- ".Net framework", CMC, Kolkata , Design Pattern Training in Ixia Kolkata.
- "**VMware Virtualization Workshop**", conducted by **VMware** in MIT, Manipal
- Presented a seminar on "**SQL Progress Bar**" in MIT, Manipal
- **EMC Corporation's** Academic Alliance Program **"Storage Technology Foundations"** at MIT, Manipal.
- **Infosys'** Industry Academia Partnership Program **"Campus Connect"** at MIT, Manipal
- **"Simics(Embadded Simulator) Workshop"** conducted by **Virtutech** at **Freescale Semiconductor**, Noida

ADDITIONAL INFORMATION

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Passport No	F6207903
Visa	Holding China Business Visa.