

PRAJWAL RAJ JOSHI
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Summary

Project Manager/Business System Analyst effective in leading and directing Information Technology projects from inception to launch. More than 7 years of progressive management experience and repeated success in developing project initiatives, directing project plans and achieving revenue performance targets.

Core competencies include:

- Project Management
- Business Planning
- Software Engineering
- Technology Integration
- System Analysis
- System Design
- Business Requirement
- Healthcare Information System Development

TOOLS

- **Methodologies**
Object oriented analysis & design, Unified Modeling Language (UML), QA methodologies, MVC Architecture, Project Management Methodologies, SDLC, Rapid Application development, Agile Development
- **Programming/Scripting Languages**
C/C++, JAVA, C#, VISUAL BASIC .NET, PHP, JAVASCRIPT, PYTHON, ASP.NET, SQL, HTML, XML, HL7, SILVERLIGHT
- **Office Application**
MS WORD, MS EXCEL, MS POWERPOINT, MS ACCESS, MS PUBLISHER, MS VISIO, MS PROJECT, OPEN OFFICE
- **Data Modeling and Databases**
CA ERWIN DATA MODELER, DIA, NAVICAT DATA MODELER, DBSCHEMA, MYSQL, SQLITE, MSSQL, RDBMS
- **Operating System**
WINDOWS 97/XP/2000/7/8, UBUNTU LINUX, SUSE LINUX, MS WINDOWS SERVER 2003/2008, RED HAT LINUX ENTERPRISE, XAMPP, WAMP, JOOMLA, WORDPRESS, DRUPAL, APACHE SERVER, PHONEGAP, DATA STANDARDIZATION, NETWORKING

CAREER EXPERIENCE

Senior IT Business System Analyst.

Nepal Government - Secretariat of Social Security Fund, 2012-2013

Identified "bottlenecks" and implemented new and improved processes and policies. Led cross-functional teams to analyze and understand the operational impacts and opportunities of technology changes. Developed metrics used to determine inefficiencies and areas for improvement. Documented process flows and developed requirements for functional improvements and enhancements. Conducted activity-based analysis of business processes and made recommendations based on the findings. Drafted financial and resource planning reports using optimization software such as MS Project. Defined project deliverables and monitored status of tasks. Served as the single point of contact for project scheduling and changes. Developed new analytics tool to allow senior management to understand the impact of each project. Project Budget: USD \$1.5M, Project Team: 25 members

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Senior Project Manager/Program Manager

Medium Healthcare and Multipurpose Pvt. Ltd., Kathmandu, Nepal, 2010-2013

Actively working to develop a company-wide IT policy, procedures and performance monitoring program to ensure both vendors and users are compliant with established corporate and contractual IT standards. Experience in handling project with budget size of up to USD \$1M with 10 team members including engineers and designers. Work closely with rest of Executive Management team to maintain and deliver IT services aligned with business strategy and growth, assist in overall company strategic planning as a member of the senior team. Interact with the Board of Directors and President on regular basis to provide reports on IT Performance, costs and compliance. Other responsibilities.

- Responsible for writing, designing, modifying, testing, integrating and deploying Enterprise level healthcare information management application using software as a service (SaaS) architecture.
- Responsible for analysis, recommendation and testing of Electronic Medical Recording software and its components developed using C# and MSSQL database.
- Assisting application developers with writing optimal SQL queries, stored procedures, functions, views, triggers, constraints, ETL scripts etc.
- Responsible for creating web applications and modules for products using Microsoft tools and technologies: IIS, ASP.Net, JavaScript, Visual Studio and Eclipse.
- Prepare manuals, training documents and other report pertinent to projects.
- Mentoring and training project developers, and ensure the product is built in accordance with established standards and best practices.
- Facilitated cross functional meetings and JAD sessions and liaised with key stakeholders.
- Drafted action plans and led meetings with department executives to review project status and proposed changes. Delivered status reports to stakeholders for budgeting and planning purposes.
- Design an effective system for reporting problems and ensuring adequate resolution in line with vendor contract obligations. Doing a thorough business analysis from conducting requirement gathering sessions to designing of logical and physical data architecture and business rules assessments.
- Leading a multi-disciplinary team of engineers, QA and other resources in accordance with Project Management guidelines including planning, budgeting, risk analysis and resource management.
- Tracking and monitoring project progress and preparing release plans using Ms Project and other project management practices.
- Play a major role in company-wide data governance and data best practices, including data quality controls and usage of critical components of major systems; direct and advise users on data best practices
- Oversee business analyst and database analyst aligned with the business and data management, including use of the data warehouse and business intelligence software

Senior Software Architect and Analyst

Napochi LLC., Birmingham, AL, USA, 2009 – 2011

Worked with senior management to formulate plans and design documents for Hospital Information System product for US Healthcare market. Worked as a senior software architect to manage development teams in US, Nepal and China. Extensive work on integration of various third party software and tools like Medispan Drug Information Bridge and Master Drug Database, SureScript e-prescription network and Mirth Connector for HL7, CCD, CCR, SNOMED and ICD integration.

Project Fund: USD 2M, Project Team (China, US and Nepal): 40 members

Other Responsibilities.:

- Designed business processes as the result of the number of meetings with key stakeholders.

- Created a modular pluggable application architecture for scalability and future enhancements using Enterprise Application patterns.
- Improved performance by introducing appropriate caching techniques.
- Designed a rich web-based UI with a response time of less than 1 sec. in most cases.
- Built a robust architecture to support ~500 concurrent users with high availability.
- Research, design and implement advance database related services and web services.
- Tracked and monitored project progress and develop project work plan.
- Prepared certification test plan for ONC-ATCB Ambulatory Certification.
- Worked on data standards design to implement LOINC, SNOMED and ICD 9 interaction system in Hospital Information System.
- Worked on integration of HL7 messaging system to interact with EMR solution on ambulatory setting using MIRTH Connector.

IT Specialist and Database Administrator

International Andalusian and Lusitano Horse Asso., Birmingham, AL, USA, 2004 – 2009

Worked as an IT Specialist and database administrator to design and develop organizations intranet application to manage members and equestrian related information. Worked with national governing body (USEF) to design equestrian industry data standardization. Work closely with board of directors and chief executive officer to develop work goals and departmental projects.

Other Responsibilities:

- Designed logical and physical database and coordinate database development management system using MS Access.
- Worked on optimization of database related services.
- Monitor, maintain and troubleshoot software and hardware on all clients and other accessories and peripherals including the in-house servers and collocated servers.
- Designed, updated and maintained company web site and make recommendations for improvement.
- Assist users to resolve computer related problems such as in operating system, hardware and software.
- Train workers to use existing system and new software or hardware
- Read technical journals and manuals and attend seminar to learn about changes in data communication technology.
- Work closely with other consulting engineers and programmers in achievement of defined project goals and duties.

EDUCATION

Master of Business Administration - Project Management (In Process)

COLORADO TECHNICAL UNIVERSITY – Silver Spring, CO, USA

Graduate Level Professional Certificate - Change Management (2008)

COLORADO TECHNICAL UNIVERSITY – Silver Spring, CO, USA

Bachelor of Science, Computer Information System and Software Engineering (2004)

UNIVERSITY OF ALABAMA AT BIRMINGHAM – Birmingham, AL, USA

Diploma in Web Application Development and Programming (2000)

TECH SOLUTIONS – Darbar Marg, Kathmandu, Nepal