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Soniya Jassal

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Clearance
Top Secret

Education
Bachelors of Applied Science,
Information Networking
University of Minnesota
Minneapolis, Minnesota
2004

Certifications
General Assembly
Web Development
Immersive
2017

Project Management
Professional (PMP),
Project Management Institute
2012

Certified Enterprise
Architect,
Carnegie Mellon University
2011

CMMI for Services and
Development v1.2, CMMI
2009

Agile Development, Certified
Scrum Master 2009

MCNPS, MBSS, Microsoft
Dynamics CRM
2009

Sr. Solutions Architect &
Full Stack Web Application Developer

Versatile IT professional with 13 years of experience and vast knowledge of Web Development and Enterprise Architecture. Expertise serving in an advisor role to management and customers, by working closely with the process and system owners, IT management, peers, and technical staff. Well-versed in analyzing and mitigating risk and finding cost-effective solutions that provide relevance between their architecture designs, system designs, and development as a reflection of their business process requirements and business needs.

Primary Skills

Specializes in the design, development, integration and delivery of functional and industry based solutions and processes for clients based on existing packages/platforms or custom technology solutions.

LANGUAGES: Rails 5, Ruby on Rails, Ruby, Angular.js, JavaScript, JQuery, Node.js, EJS, HTML5, CSS3, JSON, AJAX, JSP, Java, ES6, React, .NET, C#, XML, ASP, C and C++, PostGres, MySQL, SQL, SQL Lite Assembly, Basic, Unified Modeling Language (UML)
TOOLS: Github, Zenhub, Heroku, Sublime Text, Atom, Jira, MongoDB, Postman, cURL, Mocha, BAH CORE, BAH Attune, IBM Rational System Architect 11.4.2.2, 11.3, 10.4, WordPress 3.9.1, Teamsite 6.7.1, Solr, Rally, Microsoft Dynamics CRM, iTKO, Telelogic System Architect (Popkin), Rational Suite (Primarily Requisite Pro, Rose), Rational Unified Process (RUP), Eclipse Language Editor, SCORM Meta Data Generator, Tortoise CVS Software Versioning System, JAWS
DESIGN FRAMEWORKS: Sass, MVC, Mongoose, Skeleton, Bootstrap, Materialize
ENTERPRISE ARCHITECTURES: DoDAF 2.0, FEA, IDEF0, BPMN, Familiar with Zachman Architecture, TOGAF
SOLUTION ARCHITECTURES: CORS Technique, RESTful APIs, Familiar with Hadoop 2.0 Framework
SOLUTION INFRASTRUCTURES: Familiar with AWS Cloud Environment

Experience

Senior Lead Technologist
Booz|Allen|Hamilton October 2015 – Present
General Assembly Web Development Immersive Cohort Program:
Provides in depth training for web development programming
fundamentals for full stack development.

- Programming Fundamentals - Understand how to set up a development environment, basics of computing, networks, and data structures.
- The Basics of Product Development – Understand and define what a user should be able to do with web application, appropriately model the data, develop wireframes, while tracking a collaborative development process using version control.
- Front-End Web Development – Understand how to write high-quality JavaScript code. Design build a dynamic, front-end of a web application using a modern JavaScript library, and use CSS to layout and style your application.
- Back-End Web Development – Understand building web applications from the ground up using Ruby on Rails, a modern web language and MVC framework. Understand building quality APIs using Node.js and integrating data from other apps (like Twitter or Yelp) into the web application.

Client: United States Department of Navy – N1
- Plays a client-facing role to identify design alternatives, provide recommendations, and document the specifications for an authoritative data environment (ADE) and application rationalization.
- Develops an innovate strategy to develop a golden data structure for navy personnel from 55 disparate systems.
- Provides an objective, efficient, and repeatable methodology for application rationalization
- Evaluates and develops a current As-Is architecture in support of potential implementation of an application rationalization as well as future implementation of an authoritative data environment (ADE)
- Assesses design alternatives and provides alignment with the target state vision
- Responsible for identifying and analyzing various tools in sync with client needs, completing analysis of alternatives through evaluations and prototyping, while recommending best of breed.
- Assists the project team in the translation of discussions and conceptual designs into formal documentation during stakeholder workshops.
- Performs project management, resourcing, budgeting, and invoicing as a Deputy PM
- Manages SCRUM and Agile development of prototyping for a Hadoop cluster ADE within an AWS cloud environment.

Client: Health and Human Services – Grants.Gov

- Supporting clients with their Enterprise Integration efforts through Strategic Innovation assessments, recommendations and implementation.
- Plays a client-facing role to identify design alternatives, provide recommendations, and document the specification for modernization.
- Assesses design alternatives and provides alignment with the target state vision.
- Assists the project team in the translation of discussions and conceptual designs into formal documentation during stakeholder workshops.
- Develops Current As-Is architecture in support of assessments for current and potential future portal integration efforts.
- Performs project management, resourcing, budgeting, and invoicing as a Deputy PM

Senior Solution Architect
The Goal Inc. April 2015 – August 2015
Client: Department of Treasury – Internal Revenue Services

- Responsible for providing support writing detailed design documents for a significant modernization effort.
- Responsible for co-authoring IRSM Program Roadmap, and improving the IRSM Solution Architecture Document.
- Played a client-facing role to identify design alternatives, provide recommendations, and document the specification.
- Assessed design alternatives and provides alignment with the target state vision
- Assisted the project team in the translation of discussions and conceptual designs into formal documentation during stakeholder workshops.
- Developed requirements for the development team based on developed solution architecture.

Lead Associate / Project Manager/ Senior Tool Integrator
Phase One Consulting Group August 2014 – April 2015
Client: Department of Veterans Affairs

- Responsible for supporting the Department of Veteran's Affairs (VA), Office of Information Technology (OIT), Architecture Strategy and Design (ASD) through capturing their Enterprise Level Architecture via an integrated tool environment.
- Responsible for identifying and analyzing various tools in sync with client needs, completing analysis of alternatives through evaluations and prototyping, while recommending best of breed. Collaborated with vendors and developers to accomplish integration of various selected tools by the client while enabling data centric EA. Implemented an integrated tool suite which will make available information across the enterprise to enable business decisions
- Provides a platform for Federated Data, as well as capturing the infrastructure and architecture of this tool suite.
- Ensured the tool suite captures key capabilities such as EA Modelling, Portfolio Management, Work Flow Management, Collaboration, and Configuration Management.
- Leveraged initial Federal Enterprise Architecture (FEA) models to build an integrated architecture. Led working groups and initiating collaboration with the various Segments within VA. Led a team of architects in developing various enterprise architecture diagrams, solution system interface diagrams, functional organizational diagrams.
- Leveraged the architecture integration activities to determine the development of System Views of solution architectures and analysis of Operational views of business architectures.
- Responsible for coordinating efforts across the enterprise for tooling, requirements, architecture development, architecture implementation, coordination, compliance, quality assurance, configuration management, and visualizations.

Senior Associate / Senior Tool Integrator
Pricewaterhouse Coopers (PwC) July 2011- August 2014
Client: Department of Veterans Affairs

Ray Group International acquired by PwC in November 2012.

- Responsible for supporting the Department of Veteran's Affairs (VA), Office of Information Technology (OIT), Architecture Strategy and Design (ASD) through capturing their Enterprise Level Architecture via an integrated tool environment.
- Responsible for identifying and analyzing various tools in sync with client needs, completing analysis of alternatives through evaluations and prototyping, while recommending best of breed. Collaborated with vendors and developers to accomplish integration of various selected tools by the client while enabling data centric EA. Implemented an integrated tool suite which will make available information across the enterprise to enable business decisions as well as provide a platform for Federated Data, as well as capturing the infrastructure and architecture of this tool suite.
- Ensured the tool suite captures key capabilities such as EA Modelling, Portfolio Management, Work Flow Management, Collaboration, and Configuration Management.
- Leveraged initial Federal Enterprise Architecture (FEA) models to build an integrated architecture. Led working groups and initiating collaboration with the various Segments within VA. Led a team of architects in developing various enterprise architecture diagrams, solution system interface diagrams, functional organizational diagrams.

- Leveraged the architecture integration activities to determine the development of System Views of solution architectures and analysis of Operational views of business architectures.
- Responsible for coordinating efforts across the enterprise for tooling, requirements, architecture development, architecture implementation, coordination, compliance, quality assurance, configuration management, and visualizations.

Specialist Senior / Enterprise Architect
Deloitte Consulting LLP August 2010 – July 2011
Client: Military Health System (MHS)

- Supported the Military Health System (MHS) Office of the Chief Information Officer Enterprise Architecture Division (OCIO EAD) through capturing their Enterprise Level Architecture.
- Authored the Integration-Federation Strategy to capture the holistic view of the MHS Enterprise Architecture.
- Leveraged the architecture integration activities to determine the development of System Views of solution architectures and analysis of Operational views of business architectures.
- Enhanced collaboration with other Program Management Offices and Military Services to validate their architecture for integrity and compliance.
- Crafted the baseline to illustrate the Future State Architecture for MHS.
- Impacted the investment certification process and the role enterprise architecture approval of funding for development and modernization efforts.
- Lead compliance and milestone reviews for the Defense Business Information Technology Investment Certification (DBITC) in support of the Investment Review Committee (IRC) for solution level architecture complying to the EA. Provided Subject Matter Expert (SME) reviews for Defense Health Program Systems Inventory Reporting Tool (DHP SIRT) on a monthly basis. Developed standard operating procedures and best practices for DBITC reviews and DHP SIRT SME Reviews.
- Designed the MHS EA Web Site for the TRICARE Management Activity (TMA), to reflect the look, feel and flow of the information pertained on the website. Lead the Defense Enterprise Architecture Center of Excellence (DEACOE) Training initiative, utilizing SharePoint site to communicate upcoming training events.
- Supported Enterprise Architecture Committee (EAC) Board for validation of MHS Enterprise Architecture artifacts. Manage the archival of MHS Architecture, utilizing IBM Rational System Architect.
- Ad hoc activities included developing briefings as needed, editing documents, designing graphics, supporting team members and collaborating with other teams for client deliverables.

Product Team Lead / Process Administrator
Permuta Technologies Inc. August 2009 – April 2010

- Performed duties as Process Administrator and responsible for Software and Client Service Delivery.
- Ensured the efficient allocation of consulting resource pool.
- Worked with Functional Account Managers and CTO to ensure competing demands are best managed within the project-specific time, quality and budget constraints.
- Analyzed resource allocation and utilization of projects and ensuring SCRUM methodology is implemented, along with best practices for specific processes and development.

- Implemented new processes as well as ensuring quality testing and standards is met by the development team.

Technical Consultant
Blackstone Technology Group April 2008 – March 2009
Client: Environmental Protection Agency (EPA)

- Interviewed stakeholders, gathering and compiling system requirements to convey to the development teams throughout the software lifecycle.
- Collaborated and established the technical vision and analyzes tradeoff between usability and performance needs.
- Worked with system architect to ensure application alignment with software, development language, and integration abilities through design of solution architecture.
- Able to translate a business need into a robust and integrated technology solution.
- Specialized in the design, development, integration and delivery of functional and industry based solutions and processes for clients based on existing packages/platforms or custom technology solutions.
- Delivered a standalone Java based desktop application, which provided an electronic footprint and automation of calculations in place of manual calculations, hand written documents.

Senior Consultant / Enterprise Architect
Booz|Allen|Hamilton June 2006– April 2008
Client: DoD Personnel and Readiness (P&R)

- Designed, developed, delivered, and maintained the DoD Business Enterprise Architecture (BEA), including operational, systems, and technical views for Personnel and Readiness (P&R).
- Collaborated with Subject Matter Experts (SME) and other architects to reengineer business processes, define business and system requirements, conduct process and data modeling, and support DoD architecture framework development.
- Applied the DoD Architecture Framework (DoDAF) as appropriate to the products developed such as solution and business level diagrams.
- Aided Business Transformation Agency (BTA) resources in government, contractor, component services, and agencies to develop and deliver semi-annual releases of the BEA to the DoD client.
- Leveraged client architecture in support of enterprise system selection and IT portfolio management.
- Assisting the client in aligning business mission, vision, and strategy with IT hardware and software acquisitions.

Web Developer
SAIC October 2004– June 2006
Client: Joint Chiefs of Staff (J7)

- Developed high-end client server based applications, designing and developing web pages, and porting applications to a web interface.
- Delivered software for highly scalable, enterprise wide applications. Making use of web software technologies such as XML and Active Server pages (ASP) for multi-media development in the e-learning application area.
- Worked with Instructional Designers to program and load Content up to Learning Management System (LMS), testing the Content for functionality via the Macromedia Dreamweaver and the Web Portal which it will be accessed from. Utilizes Java, Java Script, HTML programs, and/or Apache software.

- Gathered requirements from statements of work, transferring them into Rational Requisite Pro. Developing use cases based on requirements by following the RUP methodology.
- Created diagrams in Rational Rose, and modeled after the DoDAF Architecture and guidelines.