**Gurpreet Singh**

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**DOB :** 18th Sep 1989 **GitLab:** <https://gitlab.com/gurpreet.singh_89>

## Solution Architect | Product and Technology Executive | Coder with conscience | Mentor | Tech Evangelistic | Tech Enthusiast

**PROFESSIONAL SNAPSHOT**

* A BSc.IT (Honors) graduate from Andhra University with 8.7 years of experience in IT diversified in Development, process improvements, operations support and driving success in **Customer Service**, **Customization**, **Integrations**, **Implementation, Administration**, **Developer, Release/Configuration Management**.
* Describing the structure, characteristics, behavior, and other aspects of software to project stakeholders.
* Defining features, phases, and solution requirements.
* Mentoring various teams in terms of Requirement gathering phase / Architecting solutions / Technical glitches.
* **Create concepts for how the application will look, what the modules will be, and how they interact with each other.**
* **Estimate how things will scale for the future and how they will be maintained.**
* **Calculate the risk in third-party frameworks/platforms**
* Help businesses in finding a solution to a business problem.
* **Trained** and **Mentored** co-workers.
* **Proven Scrum Master.**
* Preparing & compiling **Sales Pitch** involving **end-to-end solution responses** for **RFP’s/ RFI’s/ Pro-active leads** to deliver solutions.
* Well Versed with System design/Architecture, Design Patterns and Principles.
* **POC executions & demonstrations** – Development, Execution/Delivery Management, Technical Management.
* **Estimations, Resource Planning &** Transformation Roadmaps.
* Excellent **Analytical Skills** with strong interpersonal, oral & written communication capability.
* Domain experience in **Automobile**, **Manufacturing, eCommerce**.
* Dedicated to **Highest Level** of **Customer Satisfaction**.
* Knowledge and experience in **Process improvement**, **Development** and **Implementation**.
* Hands on experience gaining **Management adoption** and **Commitment to new processes** and **Objectives**.
* Ability to work within a **Diverse, Performance based Team Environment**.
* Detail oriented and able to handle the **Pressure of Competing Priorities**.

**TECHNICAL SKILLS**

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| **Line of Technology** | **Skills** |
| Programming Languages | C#, dot Net, Asp.Net, C#, MVC, Web-API,  Restful Services, Microservices, API-Led Integrations & API Management |
| Patterns & Principles | OOAD, SOLID, API Composition, Event Sourcing, Two-phase Commits & Saga, Pipe and Filter, Circuit-Breaker, Bulk-Head for Resiliency, Eventual Consistency using Messaging, Layered Architecture Patterns, SOA, Microservice Architecture Drivers, Dockerization & Containerization Architectures. |
| Architectural Pattern | Layered pattern, Client-server pattern, Master-slave pattern, Pipe-filter pattern, Broker pattern, Peer-to-peer pattern, Event-bus pattern, Model-view-controller pattern, Blackboard pattern, Interpreter pattern |
| RDBMS | MySQL, Redis, Mongo, CouchDB |
| Technologies | Google Maps |
| Scripting Languages | JavaScript, Html, CSS, jQuery, Python |
| CRM’s | Oracle Service Cloud |
| IDE | Visual Studio, Visual Code |
| Monitoring Tools | Grafana |
| Messaging Tools | RabbitMQ, ActiveMQ, Kafka, Redis |
| Analytics Tools | Google Analytics, Oracle RightNow Analytics, Power BI |
| Logging Tools | ELK, NLog |
| Bug Tracker | Jira |
| Project Management | Jira |
| Automation | DevOps, CICD, Jenkins & AWS CICD Pipeline, Docker, Kubernetes |
| Cloud | AWS, Azure |
| Mobile | Xamarin |

**Current Role**

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| Responsibilities as a Solution Architect |
| * Describing the structure, characteristics, behavior, and other aspects of Product to project stakeholders. * Defining features, phases, and solution requirements. * Mentoring various teams in terms of Requirement gathering phase / Architecting solutions / Technical glitches. * Create concepts for how the application will look, what the modules will be, and how they interact with each other. * Decide how things will scale for the future and how they will be maintained. * Calculate the risk in third-party frameworks/platforms * Help businesses in finding a solution to a business problem * Preparing & compiling Sales Pitch involving end-to-end solution responses for RFP’s/ RFI’s/ Pro-active leads to deliver solutions. * Designing technical solutions and architectures, presales, Agile methodology and implementing modern engineering practices leveraging Cloud Platforms, Microservices, Containerization architectures, CICD & DevOps. * Review the code to ensure the quality of the design by avoiding complexity, advocating clarity and to do this with the team. |

**Summary of Professional Responsibilities**

**Delivery Management**

* Interacting with various customer stakeholders to understand the requirements, challenges and proposing suitable solutions.
* Defining the technical roadmap and managing the end-to-end delivery in capacity of a Solution Architect & Program Manager for the project.
* Account Growth – Improving customer satisfaction and building a strong customer relationship
* Risk identifications, planning for mitigation and alarming the same to appropriate channels as part of early warning process
* Coordinating with internal teams for planning/execution and track the overall delivery process.
* Ensuring the compliance of deliveries as per the agreed quality norms.

**Software Development & Implementations**

* Discovering the use cases/Requirements gathering & analysis.
* Creating WBS & estimations.
* Designing technical architectures and component designs in compliance to design principles.
* Designing and development of Web applications & middle-tier components – RESTful Services, Controllers & Messaging interfaces.
* Designing the workflows, exploring opportunities for process optimizations & presenting the same to relevant authorities / stakeholders.

**Additional Activities & Recognitions**

* Worked for TCS’s COE (Center of Excellence)
* Was part of COE team for Chrysler
* Conducted and mentored folks on Oracle Service Cloud
* Received Best Team Award from Vertisystem.
* Received multiple Awards from TCS
  + Energy to Deliver
  + Spotlight Recognition
  + Best Team
  + Super Shine
* Received Multiple award from IBM
  + STAR (SUPER TALENTED ACHIVEMENT AWARD)
  + Appreciation from Management team for delivering the project on time.

**Professional Experience**

**Solution Architect, Vertisystem Pvt. Ltd (**Dec2018 till date**)**

* Describing the structure, characteristics, behavior, and other aspects of software to project stakeholders.
* Mentoring various teams in terms of Requirement gathering phase / Architecting solutions / Technical glitches.
* Create concepts for how the application will look, what the modules will be, and how they interact with each other.
* Calculate the risk in third-party frameworks/platforms
* Help businesses in finding a solution to a business problem
* Preparing & compiling Sales Pitch involving end-to-end solution responses for RFP’s/ RFI’s/ Pro-active leads to deliver solutions.
* Maintains control over the architecture lifecycle parallel to the project’s software development lifecycle.
* Facilitates planning, tracking and scheduling software deliverable.
* Interact with clients, product managers, and developers in order to envision, model and provide initial models and designs that can be built.
* Review the code to ensure the quality of the design by avoiding complexity, advocating clarity and to do this with the team.
* Leading Different teams for different clients.

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| **Clients handling** | **Line of Business** | **Client** | **Line of Business** |
|  | Nucleonic Devices |  | Client Services |
|  | Security Products |  | Beauty Supplies |
| ReportWorkBench | Microservices Provider |  | Online Travel |

**Other Professional Experience**

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| **Companies** | **Location** | **Designation** | **Duration** |
| Vertisystem Pvt. Ltd | Indore | Solution Architect | Dec 2018- Present |
| MakeMyTrip Pvt. Ltd | Gurgaon | Technical Lead | Aug 2016-Nov 2018 |
| Speridian Technologies Pvt Ltd. | Trivandrum | System Analyst 🡪 Senior System Analyst | Nov 2014-Aug 2106 |
| Qspear Consultancy Services | Noida | Software Engineer | May 2014-Nov 2014 |
| TCS | Hyderabad | Process Associate | Nov 2011-May 2014 |
| IBM | Vizag | Intern | May 2011-Nov 2011 |