

## Gaurav Vaishnava

Freelancer at [Upwork](#)

Udaipur, Rajasthan, India

Mobile - +918888838470

+918669031022

[gvaishnava@gmail.com](mailto:gvaishnava@gmail.com)

[Linked-in](#)

### About Me

15+ years of strong experience in product development with technical expertise on various aspects of software development and system architecture including expert knowledge of product & technical management.

### Education & Certification

- Bachelor of Engineer in Electronics & Communication from University of Rajasthan (2001-2005)
- Certificate of Excellence in Hadoop & Big Data from edvancer.in (Sep,2016)
- Architecting with Google Kubernetes Engine from Google (Oct,2019)
- Modernizing Applications with Containers and Orchestrators from Microsoft (April,2021)

### Technical Expertise

<b>UI Technology</b>	HTML5, CSS, Ajax, DWR, JQuery, GWT, Angular 7, D3, Node JS
<b>Backend Skills</b>	Core Java, JSP, Servlets, JDBC, JAXB, Apache Active MQ, JMS, Rabbit MQ
<b>Frameworks</b>	Struts, Spring 3.0, JSF 1.0, Seam 3.0, Hibernate 3.0 and EJB 3.0
<b>Database</b>	MongoDB, MySQL, PostgreSQL, AWS Redis, Elastic Search 6.8
<b>Web Service</b>	SOAP (Apache axis), REST (Jersey) Protocol, JSON
<b>Server</b>	Tomcat 7, JBOSS 1.6, Jetty
<b>Cloud</b>	AWS and Google Cloud, Docker, Kubernetes
<b>Scripting</b>	Hands on Linux and Windows Scripting.
<b>UML Tools</b>	Architecture and design using Star UML, MS Visio.
<b>Build &amp; Test Tool</b>	Maven 3.0.4 and Ant 1.8.2., Jmeter, Junit, Gulp, Grunt
<b>Build, Bug Management and Subversion Tools</b>	Slack, JIRA, SVN, Perforce, GIT, Bamboo, Hudson, Agile

## Experience

### **IT App Lead Developer At Schlumberger, Pune, India** (June 2019 - On Notice Period (2 year))

- Interactive Single Page application with Angular 7 and D3 with TDD - Karma & Jasmine.
- Design, Develop & Consume REST Web Service and Elastic search with Junit Test.
- Developing View and Stored Procedure for various complex SQL Quires.
- Lint and build tools like gulp, grunt, NPM for packaging, code formatting and quality standard.

### **Principal Software Engineer At CoReCo Technologies, Pune, India** (22<sup>nd</sup> April 2019 - June 2019 (3 month))

**Role:** Client Handling, Architecting Solutions, Team Mentoring, Coding, Testing, Deployment

- Design and Code Angular 7 UI for client Application
- Design and Code Node Express Backend for client Applications
- Design Schema of Mongo DB for consumption of work load
- Create Application for Transaction File processing deployed in AWS

### **Freelancer At Upwork, Remote** <https://www.upwork.com/freelancers/~011853b78e659c0f0b>

- Job: Full stack Java, Angular 6 developer for development of e-commerce portal  
Company - Reddway
- Job: GWT (Google Web Toolkit) developer  
Company - Objective Ware (<https://objectiveware.com/>)

### **Founder At iChildGuard, Udaipur, India** (October 2017 - Present (1 year 7 months))

**Role:** Product and Technical Manager

Idea Execution, Team Building, Making Strategy, Managing Company Affair and Accounts

- Market Research - Survey, Writing Product Requirement
- Customer Needs - Calling on customers with field salespeople and evaluating sales call results.
- Scope - Identify present and future scope of present & future product
- Competition - by comparing the company's product to competitors' products.
- Market Share - Identify market share and potential
- Sales strategies - preparing short-term and long-term product sales forecasts.
- Return-on-Investment - analyses; establishing time schedules with engineering and manufacturing, determines product pricing by utilizing market research data, reviewing production and sales costs, anticipating volume.
- Advertising - Road map for advertisement on social media or ads campaigns.
- Staff - management staff by recruiting, selecting, orienting, and training employees. scheduling and assigning employees; following up on work results,

- Technical - attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies.
- Scrum -Following agile practice for Execution & Delivery of product releases.

#### Technical Job:

1. Mobile Application: Developing Mobile Application for iChildGuard which show location data to end user and user management, interface design for restful webservice. Used MVP Pattern for scalable and maintainable code.
2. Web Application: Web Application enable user to login, signup, add devices, show location related data and reports, developed using Angular JS and rest webservice, interfacing with MongoDB using hibernate.
3. Server: Data driven intelligence, Data Analytics, Server component design using Rabbit MQ for scalable and independent execution.

**Technologies:** Core Java, Multithreading, HTML, CSS, Angular 2 , Servlet, JTA, RESTful APIs, JSON, Spring, Hibernate, MongoDB Database, AWS, Google Cloud and TDD using JUnit.

#### **Senior Module Lead, Sr. Software Engineer, Avaya, Pune, India** (April 2012 - October 2017 (5+ year))

**Role:** Requirement Capturing, SRAD Documentation, Involved in Scrum with Team (Following Agile Practice), Mentoring team in Implementation and Managing Delivery Life Cycle with Test and Production Releases and Bug Management.

1. Individual Contributor - Responsible for designing management interfaces for telephony device deployed on customer premise or in cloud.
  - a) Clients are designed using Google Web Tool Kit, Angular JS 2.0, and Java Server Faces 1.2.
  - b) We have consumed Rest web services for managing and configuring devices.
  - c) Customize web services development for developing new features related to cloud deployment. Like backup, restore, upgrade operation scheduling.
  - d) Voicemail integration and management in Centralize management platform.
  - e) Developed rest web service to integrate rest client editor in Centralize platform.
2. Technical Presentation role of Big Data in Contact Center
3. Presented Product idea in Hack-a-thon

**Technologies:** Core Java, Multithreading, HTML, CSS, JSF, Angular JS, Servlet, JTA, RESTful APIs, JAXB, Seam, EJB, Spring, Hibernate, PostgreSQL Database and TDD using JUnit.

#### **Projects:**

- a) IP Office administration under Avaya Aura System Manager:

System Manager is a central management system that delivers a set of shared management services and provides common console for Avaya Aura applications and systems. It provides IP Office feature in System Manager to remotely configure and manage the IP Office devices.

System Manager supports the IP Office application, the interface on which you can view or edit configuration values. You can use the administrative capabilities of IP Office in System Manager to:

- Edit and view system configuration data in System Configuration.
- Edit and view security configuration data in Security Configuration.
- Perform backup and restore tasks of IP Office device configuration that includes system configuration data and user data.
- Synchronize the IP Office devices through the Inventory tab.
- Upgrade of IP Office Element

#### b) IP Office Web Manager

*Web Manager is a web based Administration Portal developed in GWT and Java REST Web Services; it's an client server architecture application. It manages IP Office device by communicating with REST based web services exposed by device. This app can do initial configuration, user creation and management, device configuration, backup and restore operation and many more for managing device.*

#### c) IP Office Contact Center Administration

*IP Office Contact Center designed for providing Contact Center application for mid-market segment. IPO CC Admin is developed in Angular JS communicate with IPO CC Server using REST web services. It has configuration wizard for initial configuration and Dashboard for overall status and configuration view.*

#### d) IP Office One-X Portal

*IP Office One-X Portal is designed based on SOA principle. It has multiple layer inyama(client layer), inkaba(middle layer) and indoda (database layer). Inyama is browser based Soft Phone for IP Office, it is heavily based on event based mechanism using Comet Library. Inkaba is communicate with IP Office for telephony operation, and Indoda interact with database for configuration and application functionality support.*

### **Software Engineer, CSR, Noida, India** (February 2010 - February 2012 (2 years 1 month))

**Role:** Worked on core and web-based framework, implementation with technical skills and bugs resolutions.

1. O-Auth implementation for user login using Social Network like Facebook, Twitter etc.
2. Structuring project in to modules based on various application components compose of view, controller, services, model, dao, database entities.
3. Implementation of Obfuscation through ant build tool for security and optimization.
4. Fixing various customer bugs raises on field.
5. Preparing and Support for Customer Demos.

**Technologies:** HTML, CSS, JQuery, Ajax, Struts, Hibernate, MySQL, Direct Web Remoting, Spring, Jmeter, OpenSTA, Selenium, Eclipse

### **Key Projects:**

a) **SiRF Studio Geo Agent and Web Client:** SiRFstudio server is a core location consumption platform; it exposes well defined interfaces for applications.

SiRFstudio Geo-Agent is a location, alert and notification manager component of SiRFstudio server platform. It allows the end user to create, view, edit and delete notifications and alerts. It has the ability to push a message to a person or a group of people based on their current location. Users can set up an alert to be sent to their device when location-based parameter is realized. Apart from managing alerts, SiRFstudio GeoAgent interacts with various Location sources (for e.g GPS, AGPS Server, LBS Servers, etc) to extract users location information.

b) **Lifeline:** Lifeline is a personal member location manager through which any client looks their current locations and also sees location of their members. This application communicates with GeoAgent server which provides location-based services. Services like alert evaluation, location history, last known location etc.

### **Software Engineer, One97 Communications Pvt. Ltd., Noida, India** (December 2007 - January 2010 (2 years 2 months))

**Role:** Involve in Developing Project from Scratch, Understanding Project requirement, Preparing Design document

1. Developed multithreaded application to handle bulk subscription request come from various circles.
2. Developed web interface for generating report from database.
3. Developing tools for performance monitoring and providing support in production.
4. Worked on PayTM for payment based on IVR.
5. Storing customer credit card details using 3DS encryption.
6. Integration of payment gateway in web application.

**Technologies:** Core Java, Multi-Threading, HTML, CSS, Ajax, Applet, Tomcat, Struts, Hibernate, MySQL, Eclipse

### **Key Projects:**

a) **Vodafone Subscription Engine:** Vodafone has provided telecom services to customers in all over world. This project goal is subscribe or unsubscribe user for various services like news, ringtones etc. All requests for services from various customer populated in database via dialer. We fetch data and create package in form of XML and push that data to Vodafone URL. From Vodafone we receive status of request Success or Error and modify database accordingly.

- Core application that works as gateway between consumer and producer.
- UI design for reports.

- Monitoring tool for checking application status

b) **PayTM** (<https://paytm.com/>) is a payment gateway developed by one97 through which any client can do transaction using their credit or debit card. PayTM has exposed some function using their web service for payment transaction. Apache axis is used to develop web service.

- Design and Develop for new requirement.
- Worked on addition and modification of business logic.

**Software Developer, Hyperlink Software (P) Ltd., Jaipur, India** (January 2006 - December 2007 (2 years))

Technologies: Java Swing, MS Access Database, Neabean

**Key Projects:**

- a) **Shanti Inventory:** This is an Inventory management project for retail showroom. It implements Purchase and sales for their daily activity. Entry is sales and purchase controlled by masters. Linking module to specify relations between items and products. Reporting module for viewing various types of reports.