



AJAY KUMAR SAHU

Scaling new heights of success with hard work & dedication and leaving a mark of excellence on each step; targeting assignments in Software/Application Development with an organization of repute

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Profile Summary

Offering nearly 12 years of experience

- Gained exposure in all the phases of Software Development Life Cycle (SDLC) entailing requirement analysis, design, coding and implementation of large scale custom built object-oriented applications
- Excellence in gathering and understanding requirements of clients & other multiple stakeholders, followed by translation into functional specifications as well as provisioning of suitable software solutions
- **Project Management Expert:** Led the project planning, execution and management in tune with the core business objectives; reviewed functional requirements and translated them into technical specifications
- Successful in working on importance on clean coding, **following software development best practices** and coding standards, using latest technologies and efficient solutions, test driven development
- Successfully designed and coded application components in an Agile-Scrum Methodology utilizing a test-driven development approach
- Experience in CI/CD pipeline process and virtualization technologies like docker
- Highly skilled in building relationships with business stakeholders & leadership teams across geographies & departments; presenting changes, issues, risks and contingency plans to balance project resources, schedules and scope
- Experience in Jira & Jira Confluence, Agile Process, Liquibase, DevOps, AWS EC2 instance, SQS Queue, GraphQL & Lambda Service
- A result-oriented individual with **strong analytical, communication, interpersonal and organizational skills**



Education

- B.Tech. (Computer Science & Engineering) from IIMT College of Engineering Greater Noida, Uttar Pradesh Technical University in 2010
- 12th from HIC Jaunpur, UP, UP Board in 2003
- 10th from HIC Jaunpur, UP, UP Board in 2001



IT Skills

- Server Side: NodeJS, Python, and PHP
- Cloud: AWS & Oracle
- MVC: Knowledge of Codeigniter & Laravel
- Client Side: HTML, CSS, XML, JSON, Javascript JQuery, Angular, and ReactJS.
- Template: Smarty
- Version Control: SVN, GitHub, and GitLab
- Database: Mysql, Postgres, & MongoDB
- OS: Linux and Windows
- IDE: Visual Studio, DreamViewer, PHPStorm, Pycharm, WebStorm, and Notepad++.
- CRM: vTiger CRM, Sugar CRM, & Suite CRM.
- Workflow Engine : ProcessMaker
- Knowledge of Web Services
- Queue: SQS Queue, Kafka Queue



Core Competencies

Software Development
Requirement Gathering
Unit Testing/Coding
Daily Status Report (DSR)
Root Cause Analysis
Reporting & Documentation
Project/Product Management
Team Management



Soft Skills



- Experience in Micro Services Architecture & Serverless Architecture
- Monitoring : Newrelic, Solarwinds & Sentry



Work Experience

Since Jul'22: Redian Software Pvt. Ltd., Noida as Solution Architect

Feb'13: Techfour Engineering Solutions Pvt. Ltd., New Delhi as Technical Lead

Nov'12-Feb'13: Sr. Software Developer in Goofy Info System Pvt. Ltd., Noida

Oct'11-Oct'12: Tetra Information Services Pvt. Ltd., New Delhi as Sr. Software Developer

Oct'10-Sep'11: Successive Pvt. Ltd., Noida as Software Developer

Key Result Areas:

- Developing software solutions by studying information needs, conferring with users, studying systems flow, data usage & work processes; contributing in daily defect meetings with Development Team; identifying gaps and suggesting relevant solutions
- Interacting with users for requirement gathering; preparing functional specifications and low-level design documents
- Participating in the Software Development Lifecycle (SDLC) right from requirement analysis, documentation (functional specifications, technical design and coding to maintenance of proposed applications)
- Establishing solutions for given technical specifications; installing application software & deploying customizations
- Developing:
 - Dashboard which lists the workflows and customizing the workflows as per the customer needs
 - Mapping tool which allow customers to map different entities from different modules to have smooth data flow
- Maintaining program modules including operational support, problem resolution, production support, preventative and corrective maintenance and enhancements
- Providing third level incident escalation support to the Technical Support Group for customization problems; participating in the team's agile software development process; developing unit tests and functional/integration tests; supported production deployments of developed solutions
- Defining service standards and guidelines as per global best-practices, governance structures, best practices for software delivery life cycle (SDLC) and documentation that serve as benchmarks for excellent service delivery
- Documenting software solutions through flowcharts, layouts, diagrams, charts, code comments and clear code
- Following the project life cycle methodology defined under the process framework; ensuring that customer deadlines are meeting within project budgets
- Reviewing detailed design, code & test cases; troubleshoot and resolve various defects, errors and issues encountered
- Enhancing modules delivered to production by rewriting and developing new code to improve the efficiency and effectiveness of systems; using efficient algorithms and design patterns to develop softwares and its features



Personal Details

Date of Birth: 26th April 1986

Languages Known: English and Hindi

Address: Vill-Jaunpur, Post-M.Badshahpur, Dist-Jaunpur (UP)

Please refer to the annexure for project details:

ANNEXURE

Projects

Title: Airtel Fastag

Client: Airtel

Modules: Vendor, Order, Products, Dispatch, Delivery, Transfer, Reports, Communication, etc

Duration: 2 Months

Responsibility: To understand business processes and finalize the approach with clients with timeline and delivery date.

Stack: Python, Postgres, React Native

Role:

- Preparing a technical document.
- Phase-wise timeline for all stories.
- Help my team to speed up development.
- SIT | QA | UAT | PROD environment creation for deployment.
- Review test cases.
- Code review.
- Security Audit
- Performance Audit
- Client Demo
- Release Plan

Title: InsureMe

Client: InsureMe Kenya

Modules: Vendor, Product, Package, Pricing, Policy, Offer, Sales, Leads, Invoice, Warranty, Reports, Communication, etc

Duration: 3 Months

Responsibility: To understand business processes, and finalize the approach with clients with timeline and delivery date.

Stack: NodeJs, Angular, & Mysql

Role:

- Preparing a technical document.
- Phase-wise timeline for all stories.
- Help my team to speed up development.
- SIT | QA | UAT | PROD environment creation for deployment.
- Review test cases.
- Code review.
- Security Audit
- Performance Audit
- Client Demo
- Release Plan

Title: DriverShaab

Client: DriverShaab

Modules: Vendor, Driver, Pickup, Drop, Tracking, Location, Invoice, Reports, Communication, etc

Duration: 3 Months

Responsibility: To understand business processes, and finalize the approach with clients with timeline and delivery date.

Stack: NodeJs, Angular, Mysql, & React Native

Role:

- Preparing a technical document.
- Phase-wise timeline for all stories.
- Help my team to speed up development.
- SIT | QA | UAT | PROD environment creation for deployment.
- Review test cases.
- Code review.
- Security Audit
- Performance Audit
- Client Demo
- Release Plan

Title: IOT Management System

Client: Bisquare

Modules: Customer, Device, Device Command, Family Member, Communication, etc.

Duration: 4 Months

Responsibility: My role is to understand business processes and I have to design a microservices approach. After that, I have to work on planning and assigning the story to each individual of my team members.

Stack: NodeJs, Android, & Mysql

Role:

- Managed all microservices project plan and also for delivery to client
- Presented demo to the client on a regular basis so that I can get feedback on initial phase rather than on completion
- Created rest APIs by using Nodejs for mobile application, Web Application and also for third party
- Frontend Web application which is built on Angular.
- Batch server for offline process i.e. sending queue processing, email & SMS, etc.
- POC on to connect Devices from Local & Remote areas.
- Mysql & Mongodb database design and optimization.
- Email and SMS
- Fixing performance issues.
- Fixing Security issues.

Title: Layer Five

Client: Layer Five

Modules: Customer, Customer Insight 360, Analytics, Tracking, Communication, etc.

Duration: 8 Months

Responsibility: My role is to understand business processes and having to design a microservices approach. After that, I have to work on planning and assigning the story to each individual of my team members.

Stack: NodeJs, Python, Angular, & Postgres

Role:

- Managed all microservices project plan and also for delivery to client
- Presented demo to the client on a regular basis so that I can get feedback on initial phase rather than on completion
- Created rest APIs by using Nodejs for mobile application, Web Application and also for third party
- Frontend Web application which is built on Angular.
- Batch server for offline process i.e. sending queue processing, email & SMS, etc.
- Kafka apache is used for building real-time data pipelines apps.
- Postgres database design and optimization.
- Email and SMS
- Fixing performance issues.
- Fixing Security issues.

Title: Health Management System

Client: Biometric

Modules: Customer, Products, Plan, Review, Escalation, Auto Approval, Workflow, Communication, etc.

Duration: 6 Months

Responsibility: My role is to understand business processes and I have to design a microservices approach. After that, I have to work on planning and assigning the story to each individual of my team members.

Stack: NodeJs, Angular, & Mysql

Role:

- Managed all microservices project plan and delivery to client
- Presented demo to the client regularly so that I could get feedback on the initial phase rather than on completion
- Integration Salesforce system to get claim data.
- Created rest of APIs by using Nodejs for mobile applications, Web Applications, and also for third party
- Frontend Web application which is built on Angular.
- Batch server for offline process i.e. sending queue processing, email & SMS, etc.
- Kafka apache is used for building real-time data pipelines apps.
- Mysql & Mongodb database design and optimization.
- Email and SMS
- Fixing performance issues.
- Fixing Security issues.

Title: Complaint Management System

Client: Assurant

Modules: Customer, Products, Plan, Warranty, Escalation, Auto Approval, Workflow, Communication, etc.

Duration: 12 Months

Responsibility: My role is to understand business processes and I have to design a microservices approach. After that, I have to work on planning and assigning the story to each individual of my team members.

Stack: NodeJs, Angular, & Mysql

Role:

- Managed all microservices project plans and delivery to client
- Presented demo to a client regularly so that I could get feedback on the initial phase rather than on completion
- Integration Salesforce system to get claim data.
- Created rest API by using Nodejs for mobile applications, Web Applications, and also for third party
- Frontend Web application which is built on Angular.
- Batch server for offline process i.e. sending queue processing, email & SMS, etc.
- Kafka apache is used for building real-time data pipelines apps.
- Mysql & Mongodb database design and optimization.
- Email and SMS
- Fixing performance issues.
- Fixing Security issues.

Title: CRM System(Sugar CRM, Suite CRM)

Client: OneAssist Consumer Solutions Private Limited

Modules: Campaigns, Activity, Leads, Enterprise Leads, Enterprise Customer, Customer, Membership, Service Request, Communications, Emails, Email to SR, Complaint, Users, Teams, and Reports.

Duration: 4 years

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: PHP, NodeJs, Angular, Mysql, & MongoDB

Role:

- Frontend Web application which is built on ReactJS
- User & Team management
- DB Schema for optimization
- Queue Management
- API integration among all systems
- Reports
- Email and SMS

Title: Domino's

Client: Domino's Indonesia

Modules: Customer, Store, Target, Order, Campaign, Coupon, Inventory, Biker & Mapping, etc.

Duration: 1.5 years

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: NodeJs, Angular, Mysql, & MongoDB

Role:

- Real-time pulling data from each individual store and importing it into CDR(Common Data Repository).
- Creating rest API by using Nodejs for mobile applications.
- Frontend for mapping bike to biker boy & dashboard in Angularjs.
- Reports.
- Kafka apache is used for building real-time data pipeline apps.
- Mysql & Mongodb database design and optimization.
- Email and SMS

Title: PLUTOS System(Vtiger CRM)

Client: OneAssist Consumer Solutions Private Limited

Modules: Campaigns, Activity, Lead, and Reports.

Duration: 3 years

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: PHP, Angular, & Mysql

Role:

- Lead configuration setting on the campaign to define the number of fields with validation that are displayed and there is a separate lead import for each campaign
- Each campaign has a separate workflow
- Report
- Mysql database design and optimization.

- ProcessMaker workflow integration
- Email and SMS

Title: MIS Reports

Client: OneAssist Consumer Solutions Private Limited

Project: MIS Reports & Mysql Replication.

Duration: 6 Months

Responsibility: My role was to migrate the MySQL database into the mongo database and synchronization incremental mysql data into the mongo database.

Stack: NodeJs, MongoDB

Role:

- Creating rest API by using Nodejs for mobile application
- Mongodb optimization
- Mysql replication from master to slave and monitoring if replication stopped the working

Title: aLive

Client: aLive

Modules: Registration, Login, Import contacts, Groups, Events, Video Conferencing and Notification.

Duration: 5 Months

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: NodeJs, Mysql, Android, & IOS

Role:

- Creating rest API by using Nodejs for mobile application
- Admin panel where user can see all activity regarding aLive APP
- Notification
- Report
- Mysql database

Title: MFCS

Client: Mahindra First Choice Services India

Modules: Target, Campaigns, Activity, Lead, Customer, Vehicle, Model, Invoice PSF, NPSF, SMR, Import, Export, and Reports.

Duration: 10 months

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: PHP, HTML, JQuery, & Mysql

Role:

- Import bulk lead data from CSV files with some conditional validation.
- Auto trigger calling mechanism
- Approval Authorization
- Report
- Mysql database
- Paint Calculator
- Email and SMS

Title: Firefly

Client: HT(Hindustan Times)

Modules: Package Master, Customer, Activity, Lead, Sales Approval, Package Sold, Payment, Document, Approval Information, Client Servicing, Client Activation Import, Export, and Reports.

Duration: 10 Months

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: PHP, HTML, JQuery, & Mysql

Role:

- Import bulk customer data from CSV file with some conditional validation
- Approval Authorization
- Workflow
- Package Sold Pricing Calculator
- Report
- Mysql database
- Single User Login

Title: HRM

Client: Gali Gali Sim Sim

Modules: Timesheet, Leave, travel, travel expense, Local conveyance, Expense Sheet, Cashadvance, Telephone, Reimbursement and Import Attendance Data.

Duration: 4 Months

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: PHP, HTML, JQuery, & Mysql

Role:

- Import attendance data from CSV file with some conditional validation
- Hierarchical Authorization
- Approval Authorization
- Workflow
- Report
- Mysql database

Title: iKnow

Client: GE

Modules: Knowledge Portal

Duration: 8 Months

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: Drupal, PHP, HTML, JQuery, & Mysql

Role:

- Import customer data from CSV file with some conditional validation
- Hierarchical Authorization
- Workflow
- Report
- Mysql database

Title: TVS

Client: TVS

Modules: Customer, VehicleDetails, RWSRetail, Extended Warranty, OEM, Model, Variant, SalesOrder, Claim, and Report.

Duration: 6 Months

Responsibility: My role was to understand business processes from clients and I had worked on BRD. After that, I assigned the task to each individual of my team members.

Stack: PHP, HTML, JQuery, & Mysql

Role:

- Import Customer, Vehicle, and Claim data from CSV file with some conditional validation
- Hierarchical Authorization
- Workflow
- Dashboard
- Mysql database