**Sai Manikanta G**

Portfolio: <https://saimanikantag.github.io/>

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**Summary:**

* About 5+ years of experience working with various Stages of **SDLC** (Software Development Lifecycle) from requirement analysis to deployment and application support when needed.
* Worked under different development process like **SDLC**, **Waterfall**, **Iterative** and **Agile** Methodologies
* Experience with both front end and back end development. Front-end using different technologies such as **AngularJS**, **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **JQuery, React.js** and backend with **JAVA and related technologies**
* Experience with **Amazon AWS (Cloud) EC2, RDS, Lambdas, SNS, SQS and Elastic Search.** Experience with **SAAS** using **Salesforce** with **java** and **Jasper** **report** generation and project tracking with scheduling using cloud. Knowledge on **cloud technologies, Hadoop, Map reduce**. Knowledge on **SOA, OSB, OTM, EBS** architecture.
* **Devops** with **Resolve systems**, Jenkins, VSTS and scripting for the same

**Skills:** Programming Languages: Java, NodeJs, Typescript, Apex programming, .Net, SQL, PL/SQL, C++, Groovy, python.

Web Technologies & Frameworks: Servlets, JDBC, EJB, HTML, CSS, JavaScript, JQuery, AJAX, Bootstrap, Spring, Hibernate, JPA.

Web Service: REST, SOAP, WSDL, XSD; Databases: SQL server, MYSQL, Oracle, Dynamo DB, MongoDB, DB2.

Others: AngularJS, React.js, Cassandra, Maven, Git, SVN, CVS, JSON, Jenkins, JIRA, log4J, XML, Salesforce, Oracle EBS, OTM, SOA, OSB, PL/SQL, Salesforce Lightning Components, SOQL queries, Joomla, WordPress, Liferay, ARIS Express, AWS: Lambda, SQS, SNS, RDS, Dynamo DB, API Gateway, cloud watch, cloud formation, etc., Jasper reports, Crystal Reports, Tableau, Postman, Tomcat, JBoss, WebLogic, Junit, IBM WebSphere, Docker.

Tools: VSTS, Eclipse, NetBeans, IntelliJ Idea, Web storm, Sublime text, Atom.

**Work Experience:**

***Software Application Developer, Koch Ag & Energy Solution LLC, Wichita, KS*** Nov 2017 – Present

* Working closely with business analysts to understand the business requirements and help define strategy, content, features, and involving with all the phases of software development life cycle
* Working with Technologies such as **AWS**, **OSB**, **SOA**, **OTM**, **EBS**, **NodeJs**, **Typescript**, **AngularJS**, **Salesforce**, **Oracle**, **SQL** **server**, **Dynamo DB**, **Apex** **programming, PL/SQL** to build user friendly applications for users.
* **AWS** **lambda** using JavaScript (asynchronous and promise based) for building of **APIs** to create a service and database integration to push data as a service and usage as APIs, **SNS** for notification service subscribing for a queue, **SQS** for creating queue to push and pull the data from the legacy systems to AWS and vice versa. Building of **Nodejs** code to integrate with different services. Development of java application for backend and pushing data through JMS messaging service into cloud
* Building of **CI/CD** pipeline for different services using **yarn** to build & deploy the entire AWS stack as necessary
* Development of **Apex** **programming** and **lighting** **component** for salesforce applications. Integration of **AngularJs** application in salesforce along with **SOQL** **queries**, **WSDL** **service** and **API** **service** creation with remote access.
* Creating **proxy** **services** and integration between **Oracle** **transportation** **module** (**OTM**), and **EBS**, **Salesforce**, **AWS** and other applications using **OSB**, **SOA** and related technologies using **web services** and **APIs**.

***Programmer Analyst / Developer, 9 to 9 Software Solution LLC, Denver, CO*** Aug 2017 – Nov 2017

* **Automation/Integration** in **Resolve systems** which is an incident management and automation tool.
* **JAVA** and **Groovy** scripting for **REST/SOAP** communication between different legacy enterprise systems to develop automation of different process and integration of these systems
* Perl script re-engineering into resolve systems with groovy and Java code and developing high level system design for automation, deployment and communication between the legacy systems
* Development of Java based REST API systems and using Jenkins, JIRA for integration and different multi-services accordingly. Project based on IOT and accessing different servers, controllers, switches, cable and Wifi routers.
* High level system design and process implementation for automation and project planning including all the phases of software lifecycle

***Web Design (Graduate Assistant), CEDBR, WICHITA STATE UNIVERSITY, Wichita, KS*** Sep 2015 – May 2017

* Development of **Joomla & WordPress** based **content management system** websites. Data is obtained from research of faculty and research center. Few data added from American census bureau. Created graphs, charts and tables from the research data. SEO and Security implementation for the websites
* Worked with **JAVA** **spring** **MVC** modules, plugins along with **Hibernate**/**JPA**. Development of responsive, device portable and user-friendly websites. Alsoused **JavaScript**, **Jquery**, **Bootstrap, CSS** for development
* Development of single page applications for internal research data maintenance and knowledge sharing. Developed **AngularJs** application with **Spring** **MVC** in the backend. RDMS through **Hibernate**/**JPA** implementation and used **REST** web service for data communication between modules
* Implemented JavaScript API calls for displaying research data in various formats such as graphs and tables. Automated data update using API calls. Working with cPanel and DataZoa (Data website) for integration.
* Volunteering and marketing for Research center outlook meetings and other services including monthly newsletters and report development.
* Secure payment gateway implementation for conference, meetings, outlooks, newsletter and other offerings from the research center linking it to the college payment server.

***IT Application Developer, RELIANCE INDUSTRIES LIMITED****,* ***Mumbai, India*** Aug 2013 – Jul 2015

**A Retail, Oil & Gas, IT, Telecommunication, Insurance and Supply chain multi-branded fortune industry in India.**

* Involved in software development life cycle (**SDLC**), including from requirement gathering, analysis, design, coding, and testing.
* Responsible for development of different Intranet and Internet web applications using **JAVA** and **J2EE** technologies such as **Spring**, **Hibernate**, **JPA**, and **EJB using MVC and other design patterns**. Log4j for logging.
* Used **MySQL**, **SQL Server**, **Oracle** for RDMS.
* Implemented **RFC** calls to collect data from **SAP** system and **RESTful**, **SOAP**, **WSDL** for different projects for web service calls.
* Implemented single sign-on system application for a project by validating user IP credentials defined in **Active** **directory** and accordingly different rules and restrictions are defined for accessing the application
* Implemented **Liferay** **CMS** system with **JAVA** implementation.
* Scripting, Modeling and design of business process models in **ARIS SAP BPM tool**.
* JAVA plugin development for Vendavo system and support for Vendavo team for integration of the application and data access and analysis. Used Oracle database as the back end.
* **UAT** and **Integration** testing for all the developed applications and developer level support of the applications. Performed automated Junit tests for the application.
* Design and development of **JASPER** **reports with salesforce** for different report generation and integration with SAP system using web services. Involved in QA support and deployed the application on Production server and supported for the real-time issues. Used **Maven** and **Ant** build process.

***Software Intern, Global Parcel Inc, Khammam, India*** Apr 2012 – Aug 2012

• Worked with a C++ based desktop application which keep track of product and courier service details and worked with web application that maintains all these details globally. Used MS Excel sheets for tracking details, MySQL for database management and C++ programming language for backend development. Daily work includes maintaining database with latest details, clearing bugs if any and development of new module for storing product details more specifically.

**Education:**

* **Master of Science in Computer Science,** Wichita State University, Wichita, Kansas GPA: 3.6/4
* **Bachelor of Technology in Computer Science and Engineering,** JNTU– Hyderabad, India GPA: 78/100

**Relevant Coursework:**

* Machine learning, Artificial intelligence, Data Mining (Hadoop, Big Data, Map reduce), Advanced software Engineering, Advanced analysis and algorithms, privacy enhancing techniques, Management information systems and Cyber physical security systems