# Sudhakar Miriyala

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## OBJECTIVE

I aspire to utilize my expertise in object oriented programming in an esteemed software organization that will enable me to use my strong organizational skills and educational background, where I can grow with the growth of the company.

## Summary

- Software Developer with 4.7 years of experience working on multi-tiered applications using OOP concepts in Java & J2EE, web services and on relational database like SQL server.
- Currently employed at ACS Corporation Solutions.
- Experience coordinating with team members to resolve issues in fast paced environment.
- Awarded with Best Performer Award for the year 2018 and Awarded Start of the month May 2020.
- **Future Interests:** AI, ML & cloud

## Technical Skills

- **Architecture Pattern**       **:** Monolithic**,** Microservice
- **Netflix Cloud**               **:** Eureka, Zuul, Ribbon, Feign, Hystrix
- **Programming Languages**       **:**  Java, Groovy
- **Web View Technologies**       **:** Angular-8, JQuery,  JavaScript, Html, CSS, JSP, Thyme Leaf
- **JEE Technologies**            **:** Servlets, JSP, Spring, Velocity Templates
- **Spring Framework**            **:** IOC, MVC, AOP, Transactions, JDBC, BOOT 2.O, Rest and Cloud
- **Distributed Technologies**    **:** REST,  Spring-Rest, JSON
- **Other Services**              **:** Memcache, Oauth 2.0, Redis, SAML
- **Logging Tools**               **:** SLF4J, LOG4J2
- **Database**                    **:** SQL(MySQL, Oracle, Microsoft)
- **Build Tools**                 **:** Maven, Gardle
- **Version control**             **:** GitHub, Bitbucket
- **Unit Test Framework**         **:**  JUnit, Spock
- **Servers**                     **:** Tomcat Server
- **IDEs**                        **:** IntelliJ Idea
- **Design Patterns**             **:** Singleton, Factory, Strategy, Builder, Abstract Factory

## Professional  Experience:

- Currently working as Senior Software Engineer for ACS Corporation Solution India, Hyderabad from Oct 2019 to till date.
- Worked as Software Developer for Indian Eagle Pvt Ltd, Hyderabad from July 2016 to Oct 2019.

## Projects Profile

- **www.ieagle.com**

  It is an online travel agency, This is a subsidiary of Indian Eagle where it concentrates on middle east country travelers   want to book their flight tickets.

  **Project summary:** iEagle web application was developed in struts2 and jsp, but due to some security vulnerability our tech team decided to change it to Spring web MVC along with Thyme leaf as view technology, and with I18N support.
  **Roles played:** Team Lead
  **Team Size:** 5
  **Responsibilities:**
    - Participated in Migration Design, Development, Unit Testing and Integration of various individual modules
    - Active contribution in configuration changes from struts to spring, view layers
    - Assisted the team to convert all the struts2 actions to appropriate spring controllers along with proper interceptors and aop advices
    - Created HTML pages using thyme leaf to replace old JSP UI view designs
    - Worked on custom security and social network api consumption by Oauth 2.0
    - Worked on I18N implementation

  **Technologies used:** Spring core, MVC, AOP, Thyme leaf, Maven, Jsp, MySQL, Oauth

- **www.indianeagle.com**

  **Project summary:** It is an online travel agency where mostly US NRIs book flight tickets. This website gets the flights from GDS (Global Distribution System) using SOAP based web services. User selected flight is booked by the services provided by GDS and processed till his/her journey is completed. Contemporary technologies are used for better user experience and performance.
  **Roles played:** Developer
  **Team Size:** 7
  **Responsibilities:**
    - Worked on Synchronous/Asynchronous principles to reduce processing times
    - Developed Server side business logic with quality code
    - Designed and implemented DAO's and DTO's using Spring, JPA and Hibernate
    - Active contribution for significant pages and functionalities like of the website like Home, Search Results and Checkout, Payment pages

- ▪ Assisted team members and clarified their concern on the technical side and business side

**Technologies used:** Spring core, MVC, Boot, Thymeleaf, Maven, Groovy, Spring JDBC, AOP, Cassandra, Memcache, JSP

- • **Search API**

It is an API where our publishers (Consumers) request our application for available flights. This application interacts with airlines to get flight details and processes them to respond to the given request. We use contemporary technologies to make the application performance and reliable. Used **microservice architecture** to make scalable by using Spring Cloud project which has all utilities for achieving microservice patterns.
**Project summary:** Indian Eagle web application was a **monolithic** application, any changes in it leads to re deploy the entire application. So it's tech and management team decided to change it to various rest sub modules and manage it using microservice architecture.
**Roles played:** Developer.
**Team Size:** 5
**Responsibilities:**
- ▪ Involved in the configuring Config Server, Spring Sleuth and Hystrix
- ▪ Handled the Pricing Engine module in Project
- ▪ Assisted the team in migrating the existing application in Java to new rest application in groovy without changing the existing business
- ▪ Active contribution in configuring netflix technologies to manage all the newly created rest sub modules communication with each other as well as exposing them on to web

**Technologies used:** Spring Boot, microservices architecture, Netflix technologies, Groovy, sleuth, Gradle

- • **www.itools.igaruda.com**

It is an internal tool (website) which is used by customer care executives and managers to process the bookings and analyze the reports generated to enhance the business.
**Project summary:** As itools.igaruda is an internal portal to manage both Indian Eagle and iEagle bookings, so our management team requires multiple reports to keep track of customer, sales, agents, phone calls etc.
**Roles played:** Developer
**Team Size:** 5
**Responsibilities:** Member of the team who developed this site and made significant changes for better performance of frequently used pages by the customer care executives to handle multiple customers concurrently, and to generate the reports based on the customers bookings.Implemented many scheduled jobs according to the business requirement to manage and ease the agents job in handling the customers.
**Technologies used:** Struts2, JSP, JS, Spring security, mysql, jquery, css, tiles.

- **www.indianeagle.com(Mobile version)**

  **Project summary:** It is an online travel agency where mostly US NRIs book flight tickets. This website gets the flights from GDS (Global Distribution System) using SOAP based web services. User selected flight is booked by the services provided by GDS and processed till his/her journey is completed. Contemporary technologies are used for better user experience and performance.
  **Roles played:** Developer
  **Team Size:** 8
  **Responsibilities:**
    - Configured Eureka Client and server and register all other servers into Eureka client
    - Involved Other cloud configurations like API Gateway, Ribbon, Hystrix and Feign client
    - Implemented Server side business with high quality of the code
    - Assisted team members and clarified their doubts
  **Technologies used:** Spring core, Boot, Cloud, Netflix Services, Gradle, Groovy, Spring JPA, AOP, Cassandra, Redis and Angular-2+

- **Lync( US based order management system)**

  It is an internal website(B2B) which is used by internal users and managers to book and process the orders. it's taking order from companies for explore their business and market, it is mainly focused on Apparel, Calendar, and hardgoods items.
  **Project summary:** As www.lync.com is an internal portal to book and process the orders. The managers and leads to show multiple reports to keep track of customer, sales, agents, phone calls etc.
  **Roles played:** Senior Developer
  **Team Size:** 8
  **Responsibilities:**
    - Involved business requirement meetings and understand the flow of the business
    - Implemented Server side business with high quality
    - Gave ideas to improve the performance of the system as well business
    - Involved SMAL authentication and IDM integration
    - Owned three modules end-to-end
    - Assisted other members in the team and clarified their doubts
    - Given Technical sessions to the team members
  **Technologies used:** Spring core, Boot 2.0, MVN, SAML, Java-8, Spring JPA, AOP, JAX-B, Spring Rest and Angular-8

**Education**.
- Bachelor of Technology (2011-2015) from Sri Rama Institute of Technology and Science College, affiliated by JNTUH with **83%**.
- Intermediate from V.K.D.V.S.Raju Jr College, Telangana (2009-2011) with **92%**.
- SSC from Z.P.H.School, Makkinavarigudem, AP (2008-2009) with **80%.**

**Personal Detail**

- Date of Birth: 20<sup>th</sup> August 1993
- Sex : Male
- Nationality: Indian
- Languages Known: Telugu & English.