

SHIVANGI SONI

Bachelor of Technology
Computer Science and Engineering
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SUMMARY

- Skilled Java Developer with 3 years of experience in the full SDLC creating dynamic web applications. Hands-on experience in Java web frameworks like Spring MVC, JDBC and Hibernate. Developed new application and added functionality to existing applications using Java/J2EE technologies.
- 2+ year of professional experience as MEAN Stack web developer.
- Developed many web applications from scratch to production including front end, back end, production and maintenance using MEAN stack web development technologies.
- Expertise in Responsive Web Design techniques.
- Extensive knowledge on full application development life cycle, MVC, work flow from scratch to production.

PROFESSIONAL SKILLS

- **Programming Languages:** Java, Spring MVC, Hibernate, Angular, JavaScript, NodeJS, ExpressJS
- **Application Server:** Apache Tomcat Server
- **Database:** H2, MySQL, PostgreSQL, Oracle, MongoDB

PROFESSIONAL EXPERIENCE

AUGUST 2017-PRESENT: ASSOCIATE CONSULTANT IN CAPGEMINI TECHNOLOGY SERVICES INDIA LIMITED

▪ **LootkaMaal-**

It is daily updated blog for Indians which posts Free Samples, Coupons, Online discounted deals. It was hosted on AWS.Mongo Atlas Cloud was used to store data. It also used some of the Flipkart APIs for Product Feeds, Deals of the Day sections etc. All the RESTful APIs was tested on Postman.

Responsibilities:

- Developed UI using HTML5, CSS3, DOM, Bootstrap, JSON, Angular for interactive cross browser functionality and complex user interface.
- Developed interactive consumer data from multiple systems and Restfully abstract to the UI through a Node.js backend.
- Used Node Package Manager (NPM) to manage or install the Node-JS modules.

▪ **Web Apps-**

It is common platform which provide multiple softwares to its customers. Additionally, it has a web repository where data can be stored & accessed easily into these applications. It was a Quotation-Based application which provides quotation to its customers based on their requests. Customers can also generate consolidate report of their orders.

Responsibilities:

- Used MongoDB for backend.
- Frontend was developed using HTML5 and some of the PrimeNG libraries.
- Graphical representation of data using pie charts, bar charts to show how much orders are processed or completed.
- Worked with Node.js to develop RESTful API's consumed in front end applications.
- Used Node Package Manager (NPM) to manage or install the Node-JS modules.

▪ **Smart Deployment-**

Employee Performance has a significant influence on the input and output of an Organization. Analysis of data was carried out using simple percentage. The result shows that status of employee's training. Filter has been provided to sort data based on date, technology and assignment status. Graphical representation is done by using Angular with

Highcharts.

- **ShopInEasy:**

It consists of two parts: shop catalog and checkout. Checkout process is being created. This mainly involves customer registration, overview of the cart and calculation including discounts or any available coupons, shipping charges, preview of the cart and finally actual order placement.

Responsibilities:

- Implemented Spring MVC Framework in the presentation tier for all the essential control flow, business level validation and for communicating with the business layer.
- Configured the POJOs with backend table in Hibernate to achieve the association.
- Connected to Data Sources and performed operations using Spring Data framework features like Spring ORM.
- Integrated Spring DAO for data access using Hibernate to fetch data from the database and avoid redundant database access statement.
- Perform form validation on the UI using Spring Validation framework.

Environment: J2EE, Java, JSP, Spring MVC, Hibernate, Apache Tomcat Server, HTML, CSS, RESTful.

- **Heathrow Airport Operations Plan (AOP)-**

Used PEGA tool to reflect the real time operations of an airport worked on one module/one KPI (Key Process Indicator) which is to show punctuality graph for airplanes. It uses activity, data pages, report definition and many other components of the PEGA tool.

INTERNSHIP PROJECTS-

- **ColorVisionTesting (Using Spring and Hibernate Framework) [June 2016- November 2016]:**

This project aims to test an eye of a person. Two different tests which contains different set of questions. Each test has a min score which an individual has to obtain to at least pass the test. Each test contains test plates and test plate is a circle having an image on it which contains a number on it. **Language used:** Java, Spring MVC, Hibernate.

TRAINING AND CERTIFICATIONS-

- Pega Certified System Architect (7.2)
- Three months of training in Java and other different technologies like JavaScript, jQuery, HTML5, CSS

ACADEMIC PROJECTS-

- **Online Smartphone based Recognition of Human Activities and Postural Transition**
- **Hostel Complaint Management Software**
- **DBMS Project on Online Complaint Management System of an E-Commerce Store**
- **Comparative Study of Algorithms for Content Based Image Retrieval**

EDUCATION-

Qualification	Name of Institute	Board/University	Percentage	Year of Passing
B. Tech	IIT Jabalpur	MHRD	7.7	2017
XII(HSC)	Smt. Prema Devi Kharya English School	CBSE	91.8%	2012
X(SSC)	Smt. Prema Devi Kharya English School	CBSE	9.8	2010