
Summary

- 5+ years of Experience in designing and developing web applications using **Core Java, J2EE** used Features like **JSP** with **JSTL, Servlets, Spring MVC, Spring Boot** and **Hibernate** as frameworks.
- Experience in front end tools like **Angular, Bootstrap, HTML, CSS, JavaScript, JQuery** and **Ajax**.
- Experience in Deploying the Application using **Oracle WebLogic12c**.
- Involved in all phases of the Software development life cycle (**SDLC**) including Maintenance Support.
- Good Knowledge and understanding of Objected Oriented Concepts.
- Strong technical background in C, C++, **Core Java**.
- Experience in Using **GitHub** for code repository and as version control mechanism.
- Reported to the members of the project team as well as management - presenting regular progress reports and defect reports.
- Delivered product improvement suggestions and conveyed client suggestions to the team.
- Worked closely with business supporting them till the business is comfortable with the system.
- Ability to learn new Technologies and Tools with minimal time period.
- Great communication skills and good in presentation using **PowerPoint**.
- Good knowledge and understanding of **SQL** queries.
- Experience with implementation of **Google Tag** and **Google Analytics** for my personal portfolio.
- Experience in representing my company in the **Hackathon** held in the client side.
- My Personal **GitHub** code repository link: <https://github.com/shikhasreekumar>.

Academic Qualification

- Master of **Computer Applications** from Government Engineering College (RIT), Kottayam.
- Bachelor of **Computer Science** from Vishwabrahmana College.
- **CBSE** from St, Mary's Central School.
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Skills Summary

- Programming Languages: C, C++, Core Java and Python.
- Operating Systems: Windows 7/8/10, Ubuntu/Linux and Android.
- Servers: Oracle WebLogic 12c/14c and Apache Tomcat.
- IDE: Net Beans, IntelliJ, Eclipse, spring tool suite, PyCharm, Visual Studio Code.
- Tool: GitHub, GitLab, Maven, WinSCP, Putty, Jaspersoft, JIRA, Jenkins, Logi Analytics.
- Database: Microsoft SQL Server, MYSQL Workbench, Maria DB, PostgreSQL.

Honors and Awards

- CERTIFICATE OF Achievement - Qworks Technologies Pvt Ltd.

Work Experience

- **InApp Information Technologies** as Senior Software Engineer
April 2021 to Present

Project Details

Project Name: VSSC - QC Automation Tool Revamp

Role: Software Engineer

Team Size: 9

Technologies Used: Java, Pentaho Data Integration (PDI), Spring Boot, Hibernate.

Client: ISRO

Description:

The application involves capturing the data for the various Quality Control tests being conducted for the hardware components realized by the different work centres of VSSC. The application scope involves rewriting the features described in detail in the VSSC SRS. The application was used in the **Mars Orbiter Mission (MOM)** project by ISRO to store their inventories.

Roles and Responsibilities:

- Demonstrated ability to deliver valuable insights via data analytics and advanced data-driven methods. Used Backend Technologies like **Spring-Boot**, **Spring MVC** and **Hibernate**.
- Used Pentaho Data Integration (PDI) tool to design all ETL processes to extract data from one database and then load the data into target database.
- Used Backend Technologies like Spring-Boot, Spring MVC and Hibernate.
- Develop Backend **Rest APIs** calls.
- Developed new features corresponding to client's requirement.
- Used **Sonar lint** for checking code quality.
- Logged defects in **JIRA** and tracked till the closure of Defects.
- Worked on **Agile** Methodologies environment.
- Setup the continuous Integration (**CI**) and continuous Deployment (**CD**) process for the application using the **Jenkins** for timely builds.

- **Qworks Technologies Pvt Ltd** as Software Developer
November 2019 to March 2021

Roles and Responsibilities:

- Designed and Developed the UI screens using **JavaScript**, **Ajax**, **CSS3** and **HTML5**.
- Used Front-End Technologies like **Angular**, **Bootstrap**.
- Used Backend Technologies like **Spring-Boot**, **Spring MVC** and **Hibernate**.
- Develop Backend **Rest APIs** calls.
- Used **Log4j** to implement logging facilities.
- Used **Swagger API** and auto-generated documentation for all REST calls.
- Used **Microservices** in the applications.

- Used **JMS** (Java Mailing Service) API to mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
- Knowledge in implementing Service Oriented Architectures **SOA** using **XML** based **Web Services** and **JMS Queue**.
- Used annotations and **XML** configuration to configure Spring MVC and dependency injection.
- Developed code for processing the web service response obtained in **XML** as a String after calling the Queue using **JMS Queue**.
- Used Technologies like **JSP**, **JSTL**, **Spring-Boot**, **Hibernate** and **Rest APIs**.
- Used **Log4j** to implement logging facilities.
- Deployed in the 3-tier architecture through **Web Server** and **App Server**.
- Perform deployments to multiple environments like **UAT** and **PROD**.
- Used **Monkey Testing** Technique.
- **MySQL** is used as database server for retrieving database objects.
- Experience in generating pdf using **Jasper Report** by using TIBCO Jaspersoft Studio 6.12.0.
- Responsible for creating **Manual Test Cases**.
- Successfully deployed the application in the server using **weblogic12c** and tested if all the features are intact.

Participant

WINNOVATE 2020 Hackathon by SBIG Insurance Thane, Mumbai

Project Name: uGo The Chat Bot

Team Size: 4

Role: Software Developer

Technologies Used: Python and Lambda function.

Description:

uGo The Chat Bot was the basic idea of our innovation. It was the virtual assistant for the SBIG site. Beyond just a virtual assistant we innovated the chat bot as a HR and sales force system, where employers can find the solution for their queries as well as their target and achievements and also employers can know how much holidays they have left to take or how much reimbursement can they take for a particular purpose like travel or home allowance etc. We used the “**Amazon Lex**” for building conversational interfaces into any application using voice and text. We started with the intent and utterances for the development and also presented the product. On the bases of optimal and sentimental analysis the system will be more efficient if data of the employer were available and analysed.

Roles and Responsibilities:

- Responsible for the basic idea behind the **uGo The Chat Bot cum HR system**.
- Used **Amazon Lex**, **Natural Language Processing (NLP)** and **Automatic Speech Recognition (ASR)** Technologies.
- Responsible for the **intent**, **utterances** and **slots**.
- Responsible for **testing** the chat bot after the build success in the **Lex Console**.
- Responsible to write the **Lambda functions** for the validation of the **utterances**.
- Integrated the chat bot with **SBIG official site** and deployed it over the network using **Flask**.
- Used **JSON** for data exchange between application and the chat bot.

- **Technosoft Systems** as Junior Software Developer
June 2018 to November 2019

Roles and Responsibilities:

- Responsible for designing front end application using **HTML5**, **CSS3**, **JavaScript** and **JQuery**.
- Responsible for creating the database structure with all the necessary tables and relationship among them.
- Designed **CSS3** templates for use in all pages on the website working with CSS Background, Positioning, text, border, margin, padding and tables.
- Used **JSON** for data exchange between application modules along with XML and WS-Security for authenticating messages along with encryption and decryption.
- Worked on the Application Servers such as Tomcat 8.0.
- Also created necessary **SQL** Query for the same.
- Involved in all phases of project development life cycle (Analysis, Designing, Coding and Testing).
- Proactively worked with our college administration to come up with detailed plan on creating a website for our college.
- Responsible for creating database structure.
- After deployment few issues were observed on which I have worked to fix it and post that assisted in redeploying the application.
- Actively involved in all bug fixes.
- Responsible for creating Backend as Admin.
- Responsible integrating the backend with the Front code.
- Responsible for converting static website to dynamic
- Successfully deployed the application in the Cpanel and tested if all the features are intact.
- After deployment few issues were observed on which I have worked to fix it and post that assisted in redeploying the application.
- Responsible for SMPS Email integration.

- **Technosoft Systems** as Junior Software Developer
April 2015 - November 2015

Roles and Responsibilities:

- Involved in all phases of project development life cycle (Analysis, Designing, Coding and Testing).
- Proactively worked with our college administration to come up with detailed plan on creating a website for our college.
- Actively involved in all meetings to decide what all features should our college website should contain. Meetings were done with College Principal/Staff/Students/Library Staff/Administration to ascertain different needs.
- Responsible for creating database structure.
- Responsible for creating codebase for Saving, Editing and Viewing Student details also corresponding database components were created.
- Search module was implemented by identifying different search criteria.

- Involved in configuring web server for deploying the college website to the intranet [College Environment].
- Successfully deployed the application in our college intranet environment and tested if all the features are intact.
- Actively involved in all bug fixes.
- Analysis and requirement gathering, post that came up with a detailed requirement document which was a reference guide for our team.
- Responsible for creating the database structure with all the necessary tables and relationship among them.
- All the UI (HTML) related components were placed in the UI tier, and all the business logic were clubbed in the BI tier and the database interactions needed was clubbed in the database tier.

Personal Details

Name	:	SHIKHA SREEKUMAR
Date of Birth	:	30.08.1994
Father's Name	:	P.G SREEKUMAR
Sex	:	Female
Marital Status	:	Single
Languages known	:	English, Hindi and Malayalam
Nationality	:	Indian
Current Location	:	Kerala, India
Preferred Location	:	Willing To Relocate Anywhere
Mobile	:	9188669594
Alternate Number	:	7902637309