**Shruthi BG**

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**SUMMARY**

* 6.5 years of proven experience in designing and developing Java/J2EE based E-commerce websites.
* Skilled in Java, J2EE, Spring, Hibernate, UI technologies such as HTML5, CSS 3, Javascript and Angular4.
* Worked as an Angular developer for Phototrac Suspect Identification Application, an app for identification of suspects in crime.
* Worked as a Node Js Developer For DER Project at AEMO, an app for Energy Providers.
* Worked as a full stack developer for Toyota My Fleet project. Basically, it was a website for Dealers and Customers to buy different range of Toyota car Models.
* Worked as UI developer for Musician Project, an app developed basically for insurance for Musician equipments.
* Off-shore Functionality Expert for LION (Logical Interface for Ordering Network Products) application for British Telecom.
* Experience working in large complex as well as small agile environments.
* Good exposure to Test Driven Development (TDD) and SDLC.
* Outstanding communication skills and clients (Stake holders and Business Analysts)facing experience.
* Experience in Preparing technical specification document or Low Level Design (LLD) based on approved business requirements document ensuring compliance with current architecture.
* Consistent good performer and well appreciated by the Project Head and Director.
* Effective team player and a quick learner with keen attention to detail. I have always been keen on upgrading my knowledge to the upcoming technologies.

**KEY SKILLS**

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| --- | --- |
| **Languages** | Java 7/8, SQL |
| **Web Technologies** | J2EE, HTML5, CSS3, JavaScript, Angular 2/4/7, Node JS (Express Framework),ES6,Typescript,Restful Webservices, Micro Services |
| **Frameworks** | Spring |
| **Persistance** | Hibernate |
| **CMS** | Wordpress, Survey Js |
| **Database** | MySQL, Oracle |
| **Application Servers** | Apache Tomcat, Weblogic9, Glassfish |
| **Logging Tools** | Log4j |
| **IDE / Tools** | Eclipse, IReport, Bridge Case, SQL Developer, |
| Swagger Editor to create YAMLs/JSON files,  Postman for testing RESTful APIs |
| **Version Control** | Tortoise SVN, GitHub.com, Gitlab |
| **Build Tools /CI CD** | Maven, GIT |
| **Operating Systems** | Windows, MS DOS, Linux for deployment purpose. |

**WORK EXPERIENCE**

**Front End developer for AWI(Australian wool Innovation)(March 2022 - present)**

**Project:Woolmark**

*Australian Wool Innovation is a not-for-profit enterprise that conducts research, development and marketing along the worldwide supply chain for Australian wool on behalf of about 60,000 woolgrowers that help fund the company.*

* I was involved in developing UI using HTML5, Java script and Jquery.
* UI was developed using front end tool Episerver as well.
* I am also involved in high priority defect fixes and have experience using media queries.

**Angular developer for NSWPF(NSW Police Force)(May 2021-December 2021)**

**Project:Mobipol(July 2021-December date)**

*This app basically for police staff to track,record the incident and infringement notices.*

* I was involved in developing UI involving angular 6.
* UI was developed using Angular 6 and API’s using Java 7.
* I am also involved in high priority defect fixes and also modularizing the API’s.
* I am also involved in using chart.js – a new feature for pictorial representation of the statistics of the infringements issued all over the state.

**Project:Phototrac Suspect Identification (May 2021-June 2021)**

*This app acts like a tool basically for police staff to identify the suspects of crime and prepare Photobooks.*

* I was involved in developing UI involving angular Material.
* UI was developed using Angular 11 and API’s using Node.
* I was also involved in high priority defect fixes.
* I was also involved in implementing Service worker for Fast and better user experience.

**Node developer for AEMO(Australian Energy Market Operator)(Novemeber 2019-December 2019)**

**Project: DER**

*I am involved in developing API for AEMO, which involves maintaining energy and gas levels for household across Australia. This was an APP developed for the Energy providers across Australia.*

*Project was developed using Agile methodology.*

* I was involved in developing UI and Node API’s.
* UI was developed using Vue js and API’s using Node.
* I was also involved in high priority defect fixes.
* I was also involved in small database issues which also involved DML and DDL changes.
* I have intensively used postman to test the API calls.

**UI/Java Developer for Conn3cted Pvt Ltd (March 2019-June 2019)**

**6 weeks contract extended upto 3 months.**

**Project 1:**

**Client: Toyota Financial Services**

*I was working as Java/front end developer for toyota financial services project.This was a salary packaging development tool. This project was on angular 7/Node Js(Express) and backend being Java.*

* I was involved in developing the app for the salary packaging tool.
* This involved both Customer and Employee Portal. This also involved employee creation, login modules for the employees and also the benefits for the respective employees.
* I was involved in creating login module and employee search module.
* I was also involved in creating Microservices for the above said module.

**Project 2:**

**Client:Toyota**

*I was working as Java/front end developer for toyota my fleet project.*

*It was basically a website for both dealers and customers for buying toyota different car models.*

*This project was on react, Node Js and backend being Java.*

* I was involved in developing the Angular JS app for the project.
* I was involved in backend and front end development.
* I was also responsible for writing the service layer for one of the functionality right from the table creation and adding a service to the java 8 layer.
* We used Jira was profile management and as well as efforts estimate tool.

**UI/Java Developer for Marsh & McLennan Companies, Inc(October 2018-December 2018)**

**4 weeks contract extended upto 6 weeks.**

*I am working as UI developer for Musician project, basically provides insurance for musical equipments and an app for the Insurance Brokers.*

* I was involved in developing an app for Insuring for Musical Equipments.
* I have been working on Survey Js tool used as a Form builder.
* This tool is basically uses JSON for form building.
* I was also involved in java 7 Enhancements and Login module for the application using Angular6.
* I was also involved in writing Authentication service for the module.

**Web Developer-Eduline Australia (February 2016-September 2018)**

*I am involved in developing website. I am involved in Logo designing as well. This is a complete end to end development project.*

* I have been involved in designing the websites.
* I have UI experience in developing in websites both using web technologies such as HTML5 CSS3, Angular 2 Java script,Node JS and Wordpress.
* Wordpress is a content Management System.
* I have been working on Java8 platform. I have good experience on Java basically from version4.
* I was involved in Design and building UIs using HTML5,CSS3 and Javascript.
* Conducted Usability Testing to resolve interface problems.
* I have good hands on with Restful Webservices,Microservices,JSON using SpringBoot and Spring
* Engaged in requirement specification process for new UI/UX functionality.

**Modules developed on Github**

https://shruthi2good.github.io/shruthi\_21june2016/module5-solution-starter/index.html

**Virtusa Consulting Services Ltd (November 2013 - October 2015)**

Senior Software Engineer/lead

Client: British Telecom

**Project: LION (Logical interface for ordering Network Products)**

*LION (Logical Interface for Ordering Network Products) is used as a middleware application for the successful completion of the AMEND, CEASE, PROVIDE Order journeys. It's a Ecommerce application(Ordering products online).The project was developed using Agile methodology.*

* I was involved in automating one of the processes involved in the system. After the placement of product order, we had to sum up the product details in a word or an excel format depending upon the products and a mail had to be sent across the customers through Webservices.

This involved complex logic processing and changing the functionality of the existing system.

* Involvement in designing Low Level Design Documents and feasibility study of the requirements.
* I was involved in building the local setup to facilitate quality code development.
* Preparing POC (Proof of concept) for those User stories which involved complexities in Development of ecommerce web-application.
* Responsible for the end to end BAU Support by integrating the code with GUI and other upstream component teams.
* Development of CRF's (Customer Requirement Forms) it could be word or excel format, based on different network products involving complex business logic.
* Developed SQL and HQL(Hibernate Query Language) queries to implement the functionality according to the user stories.
* The above was possible only with the constant co-ordination and functionality knowledge with the upstream components.
* Experience in mentoring basics of key technologies such as Hibernate for fresher's in the team.
* Active participation in the Agile processes such as Scrum master responsibilities such as system analysis ,sizing activities, Sprint Planning, task estimation, Complete ownership of build and release activities with my Team Lead.
* Creation of comprehensive JUnit and integration test cases and responsible for fixing of high priority production defects
* I was also leading a small team of 2.
* Creation and testing of low level developer test cases such as TDD (Test Driven Development ) was implemented during development process. It was basically CI/CD based methodology.
* Performed code reviews to achieve high code quality
* Worked across multiple upstream components such as Expedio, BFG to understand the data flow knowledge and was recognized as a Functionality Expert.
* Responsible for production release/Post implementation support related activities using Bridge case and Quality Centre tool

**Tech Mahindra Ltd (February 2010- November 2013)**

Technical Associate

Client: British Telecom

**1. Project:** BT05 (Ecommerce Development)

*This is a web based E-commerce application. This involved buying and selling of bt products over electronic systems such as Internet. The project was developed using Agile.*

* Preparing for the development activities which Involved in setting up of local prior to Development activities. This helped in any Proof of concept if required.
* Involved in Development activities which involved java enhancements. I was involved in adding new functionalities using Hibernate and Spring Dependency Injections.
* Involved in Database activities using SQL queries according to the user stories.
* Involved in CMS activities as front end was completely based on CMS and struts Framework.
* Involved in creation of materialised views . This involved lot of RDBMS study and feasibility.
* Creation and execution of JUNITS.
* Responsible for 90% emma code coverage on Junits.
* We also used Jira tool for defects and defect fixes.
* Reponsible for Production activities such as Deployment support, building the war file.
* Involved in Production bugs fixing, Dev ops activities and with relevant root cause analysis.

**2.Project: SQE(SALES QUOTE ENGINE) (September 2010 -December 2010)**

*SQE as the name suggests is an engine kind of application used by BT for their sales purpose. The main intention of this application is to ease the customers from navigating to too many server pages and present everything under one heading. The project involved development of billing and accounting modules for the Sales functionality.*

* Creation of Functional Specification Documents (FSD) and Technical Specification Documents (TSD)
* Responsible for bug fixing of Production Defects. This was a Java Project, and involved many complex functionalities.
* Responsible for Sanity Testing and Dev-ops activities.I was also incharge of code quality and had to maintain the code standards for better performance.
* Co-ordination with the upstream components to analyse the defects, discuss the solutions and implementing the same.

**EDUCATION**

Bachelor Of Engineering,Electrical and Electronics (2005 - 2009)

Master of Science in Computer Science ( Correspondence) (2011-2013)

**CERTIFICATION**

* HTML5, CSS3, and Javascript for Web Developers -**Coursera**
* Angular2 and Restful Webservices-**Dallas Technologies**
* Completed Angular1 Certification-**Coursera**
* CERT-III Admin Course
* CERT-IV Admin Course

**KEY ACHIEVEMENTS**

* Virtusa Consulting Services "Star of the Month" award for the functionality And Coding Expertise.
* Tech Mahindra Cookies award for the defect analysis and quick solutions.
* Received client appreciation on numerous occasions.

**VOLUNTARY ACTIVITIES:**

I was involved in cooking Indian food for a Children 4 day camp.

Working as an IT Admin of SEWA Australia(NGO).