

SUJATA SHARMA
FULL STACK DEVELOPER

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IT Proficiency

Microsoft Office Word, Microsoft Office Excel, Microsoft Office Power Point

Languages: DBMS SQL database, C Language, Core Java, Python, C++, Cloud Computing, react, angular

Software's OS used: MS Office, windows 10.8.7.

- Technically advance java developer with experience in designing and developing Java/J2EE web-based application. Offering strong expertise in Spring boot, hibernate JPA and web service
- Developed highly interactive user interface using JSP and JSTL tags
- Installing MySQL database and creating Database schema
- Integrating required APIs in the application
- Adding functionalities to the existing application
- Experience in developing application using micro services (Restful)
- Performing form validations
- Creating controllers in Spring boot projects
- Creating repositories in Spring boot projects
- Developing entity class with encapsulation concept
- Configuring email sending services and PDF generation
- Experience in developing application using MVC architecture
- Testing web services using POSTMAN
- Excellent knowledge of JDBC, HTML, CSS, SQL
- Excellent knowledge of creating servlets
- Performing Unit Testing through JUNIT and Test Ng

Work Experience

- Currently working as a **HR at AAOKKA (UGV Pvt. Ltd.)** at Bangalore from September 22, 2023 till now.
- Worked as a **FULL STACK DEVELOPER Intern with PSA Infotech** at Bangalore from November 2nd 2022 to May 2nd 2023.
- Worked as a **Software Engineer with Quess Corp Limited – Client Company (Accenture)** at Bangalore.
- Worked as a **Data Analyst with KPMG** at Pune from Jan 20, 2020 to July 10, 2020.
- Worked as a **Software Intern at Effent Technologies** at Bangalore from Sept 23, 2017 to February 23, 2018.

Project Details

Project #1:

Project Name: Flight Reservation System

Team Size: 6

Tools Used: Spring Boot (Java), MySQL, HTML/CSS, JavaScript, Frameworks, RESTful APIs, Eclipse, Visual Studio, AWS, Microsoft Azure

Roles and Responsibilities:

- 1)Requirement Analysis:** Understand the project requirements, including the desired features, functionality, and performance expectations.
- 2)System Design:** Collaborate with other team members to design the architecture and system components of the flight reservation project. creating high-level and low-level design documents.
- 3)Coding and Development:** Write clean, efficient, and maintainable code to implement the required features and functionality of the flight reservation system.
- 4)Testing:** Develop and execute unit tests, integration tests, and system tests to ensure the correctness and reliability of the flight reservation system.
- 5)Collaboration:** Work closely with other team members, such as designers, product managers, and testers, to ensure effective collaboration and smooth project delivery.
- 6)Documentation:** Create and maintain technical documentation, including code documentation, user guides, and system documentation.
- 7)Troubleshooting and Maintenance:** Identify and resolve issues or bugs that arise during the development and deployment of the flight reservation system.
- 8)Continuous Learning:** Stay updated with the latest technologies, trends, and best practices.

Project #2:

Project Name: Bus Ticket Booking Application

Team Size: 7

Tools Used: AWS, Azure, Postman, HTML, CSS, and JavaScript, React, Angular, MySQL, Eclipse, etc.

Roles and Responsibilities:

- 1)Requirement Analysis:** Collaborate with stakeholders to understand and analyze the project requirements, user stories, and functional specifications.
- 2)System Design:** Participate in the system design phase, contribute to defining the application's architecture, and suggest suitable technologies and frameworks.
- 3)Database Design:** Design and implement the database schema, considering data storage requirements, relationships, and performance optimizations.
- 4)Backend Development:** Develop the server-side logic, including APIs and business logic, using a programming language and framework of your choice.
- 4)Frontend Development:** Collaborate with UI/UX designers to implement responsive and user-friendly interfaces using HTML, CSS, and JavaScript.
- 5)Integration and Testing:** Integrate different system components and modules, perform unit testing to ensure code quality, and collaborate with QA engineers to conduct integration testing, functional testing, and regression testing.
- 6)Performance Optimization:** Identify performance bottlenecks and optimize the application for efficient data retrieval, caching, and response times.
- 7)Security Considerations:** Implement security measures to protect user data, such as secure authentication mechanisms, data encryption, and input validation to prevent common vulnerabilities like SQL injection and cross-site scripting (XSS).
- 8)Documentation:** Create technical documentation, including API documentation, code comments, and system diagrams, to facilitate collaboration, maintenance, and future enhancements.
- 9)Collaboration and Communication:** Collaborate with cross-functional teams, such as UI/UX designers, product managers, and QA engineers, to ensure alignment and effective communication throughout the development lifecycle.
- 10)Troubleshooting and Maintenance:** Identify and resolve bugs, issues, and performance bottlenecks reported by users or QA teams.

Project #3:

Project Title: E-Display Project

Environment: .Net. Embedded C, Keil, Flash Magic, Oracad capture

Roles & responsibilities at Software Intern: **Role:** Software Intern

Team Size: 5

Duration: Sept 23, 2017 to February 23, 2018.

E-Display project is based on the Bluetooth enabled mobile phone to remote control traffic signals connected to the personnel computer and it can also be used to control to other computer applications such as emergency and roadmap. Mainly, it is a client and server-based application which makes use of powerful Java technology to achieve its end.

- Sending message from any of the remote area to the distant located e-notice board using GSM mobile.
- For sending the text message from remote area we need to interface the mobile phone with GSM Modem.
- For developing some of GSM based applications we need to have some commons peripherals including GSM MODEM, SIM, microcontroller, LCD (Liquid crystal display), power supply and some connecting wires.
- Completed the project within short term and gave the final presentation to HOD department and external invigilators.

Project #4:

Project Title: Smart Traffic Surveillance Project on Internet of Things (IOT)

Environment: Academic Project

Roles & responsibilities at Academic Project: **Role:** Team Lead

Team Size: 5 **Duration:** July 2017 to May 2018

In our project there are various applications which we have been implemented. Basically, the concept of NFC as communication to identify the various parameter which are following as below.

- Implementing the interface between microcontroller and LCD display for getting the information of current status.
- Implement the interface between micro controller and GSM module for informing the theft vehicle identification and SMS notifications.
- Implementation of GPS with micro controller for location tracking.
- Implementation of RFID reader with microcontroller for identifying the vehicles.
- Implementing the interface between microcontroller and buzzer for alert
- Implementation of LEDs with microcontroller
- Implement of interface between sensor and microcontroller.

Project #5:

Project Title: ADHOC SIMULATOR (.NET)

Environment: Academic Project

AODV SIMULATION

Roles & responsibilities at Academic Project: **Role:** Team Lead

Team Size: 5 **Duration:** July 2011 to May 2012

The problem can be defined as to develop a .Net based ADHOC simulator to study the behavior of the MANET. As the system is implemented in .NET, it should be capable of consider a large area for simulation and it should be capable of carry out the simulation amongst a large group of mobiles. The simulator must be capable of depict the behavior of the system under high mobile condition.

- The project is an attempt of developing an environment, which could be used by the researchers to get their study done on AODV.
- Beside the work can be used as base prototype for developing more complicated package for AODV simulation.
- As all the base modules have problems regarding testing and modularization, so also this work.

- But with time as the system grows into a full fledged package, the system can be like a parallel simulator like the NS/2
- **Hardware Requirement:** 1) Minimum Pentium family processor of 1.5GHz
2) 256 MB RAM
3) IBM compatible display adaptor
4) Minimum 10Gb Disk Space
- **Software Requirement:** 1) C#.Net 2003
2) Windows Xp Service Pack 2.
3) SQL Server 2000
4) .Net GDI+ Package

Certifications

1. "Computerized Financial Accounting, Tally, MS Word, MS Office, MS Excel, MS Power Point, MS Paint" at **KEONICS FRANCHISEE CENTRE** at Gulbarga, Karnataka.
2. "Oracle SQL – Step by Step SQL" on Udemy.
3. "Full Stack Development" Course - Offline by Pankaj Sir academy Institute at Bangalore
4. "C Programming for Beginners – Master the C Language" on Udemy
5. "Amazon Web Services (AWS) Certified – 4 Certifications!" on Udemy.
6. "JPMorgan Chase & Co. Software Engineering Virtual Experience Participant" with Forage – September 2023
Conducted Market Research, Consumer needs analysis and data analysis to create a client recommendation.
7. "Communication Skills (Short Course)" by Oxford Home Study Centre.
8. "Google Analytics Certification" by Google
9. Pursuing "Data Structures & Algorithms" – Government – Certified online training on Internshala
10. Learning French Language - Beginner

Academic Qualifications

- **B.E (CSE) in BMSCE (Autonomous under VTU) Bangalore** with **6.71/CGPA**
- **DIPLOMA (ISE) in N V Polytechnic College Gulbarga** with 74%, **BTE Karnataka**.
- **10th Board Exams in JNV Hothpet Gulbarga** with 66.64%, **CBSE Delhi**.

Personal Details

- Father Name - Sayabanna T
- Valid Passport - P9798933
- Passport Date of Issue & Expiry - 25/04/2017 & 24/04/2027
- Aadhaar Card - 746906164316
- Address - C/o Jagannath Bellad, 2nd Cross Vasant Nagar Bangalore.

Declaration

I do hereby declare that the above written are true to the best of my knowledge and Belief.

Place: Bangalore

Date:

SUJATA SHARMA