

SAGAR BHATT

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TECHNICAL SKILLS

Languages	JAVA, Python, PHP, JavaScript, PL/SQL.
J2EE Technologies	Servlets, Struts, EJB 2.0, JSF, JDBC, JSTL, JNDI, JMS, Java Bean, JTA.
Web Technologies	HTML5, CSS3, JavaScript, ReactJS, NodeJS, Bootstrap, JSON.
Database	MS SQL, Oracle, MySQL, Neo4j, Apache SPARC, Hadoop – MapReduce, RedShift, Athena
Frameworks	Spring 4/5, Spring MVC, Spring boot, Spring Security, Spring Batch, Spring ORM.
ORM Framework	Hibernate, Spring Data JPA.
AWS Technologies	Elastic Beanstalk, EC2, S3, VPC, Secrets Manager, RDS, ALB, Route53, ECS, ECR, EKS
Test Frameworks	Selenium, Test-NG, Rest Assured, Page Object Model, Postman, SwaggerUI
Version Control	GitLab, Git, JFrog Artifactory.
IDE	IntelliJ, Visual Studio Code, Eclipse, SQL Server Management Studio, POSTMAN
Build tools	Maven, Jenkins, Docker.

PROFESSIONAL EXPERIENCE

Senior Engineer - Software

July 2023 - present

DISH Wireless, Littleton, CO

- Designed and developed a Network Performance Monitoring tool, enabling visualization of RAN, messaging, core, and device performance indicators on maps, charts, and tables, enhancing network monitoring capabilities.
- Implemented an Agile development approach, utilizing Scrum methodologies, and actively participated in weekly Sprint stand-up meetings, ensuring efficient project management and communication using JIRA.
- Created a robust application using the Spring Framework integrated with Hibernate, facilitating efficient data mapping to an MS SQL Database, and employed Spring Security and JWT Token for robust Authentication and Authorization.
- Enhanced API documentation by developing Swagger UI for REST APIs, improving accessibility and usability for developers and stakeholders.
- Demonstrated expertise in front-end development by building a responsive single-page application using ReactJS, optimizing the user experience for both desktop and mobile users, and contributed to automation testing, maintaining code repositories, and deploying applications in AWS environments with Docker containerization.

Quality Assurance Automation Engineer II

September 2020 - July 2023

DISH Wireless, Littleton, CO

- Proficient in Manual, Automation, and DevOps testing across a diverse range of applications, including Web, Client-Server, Cloud (AWS), Mobile, API, and Web Services, ensuring comprehensive testing coverage.
- Demonstrated expertise in translating Business Requirement Specifications, Functional Specifications, and Design documentation into actionable Test Scenarios, facilitating alignment with project objectives and quality assurance goals.
- Developed automation test scripts using a Data-Driven framework and Page Factory model, utilizing Selenium WebDriver with Java, TestNG framework, and Maven for thorough testing of the NexsysOne Network build-out application. Additionally, proficiently utilized Selenium Grid for parallel testing across various platforms and browsers, enhancing efficiency and test coverage.

Engineer II - Software
Revolution Systems, Golden, CO

May 2019 – September 2020

- Developed a cloud-based ERP system for efficient Material Recovery Facility management, leveraging Spring MVC and Spring Core to enable centralized control of multiple plants from a single location, optimizing operational efficiency.
- Designed and implemented a user-friendly front-end using React JavaScript, Bootstrap, HTML5, and CSS3, ensuring an intuitive and responsive user interface that enhances user experience.
- Utilized Hibernate as the ORM tool to facilitate database operations, including handling incoming materials, production, sales, current inventory, employee timesheets, machine runtime, and maintenance. Successfully mapped tables from MS SQL Server to entity classes, ensuring seamless data management.
- Implemented robust version control using Git, and automated the CI/CD pipeline with Jenkins. Utilized JIRA for issue tracking and bug management, and managed project dependencies and builds efficiently using Maven.
- Integrated SQL databases with Power BI and SQL Server Reporting Server (SSRS) to create insightful dashboards for stakeholders, providing valuable data-driven insights. Hosted the application on AWS EC2 instances, containerized it using Docker, and registered the containers using the ECR service, ensuring reliable cloud hosting and scalability.

Quality Assurance Automation Engineer I
AT&T (TECH MAHINDRA LTD) Mumbai, India

August 2016 – June 2018

- Designed and implemented a highly scalable and resilient test automation framework to support a client application built on cutting-edge web technologies, ensuring robust and efficient testing processes.
- Developed comprehensive test cases based on detailed Use Cases, Annotation Documents, and Business Rules, aligning testing efforts with project requirements.
- Created functional automation scripts for the report generation module, leveraging Selenium WebDriver, advanced Element Locator techniques, and the TestNG framework, enhancing test coverage and accuracy.
- Established and configured the automation framework using Selenium WebDriver, enabling the execution of test cases across multiple browsers and platforms. Conducted rigorous Regression Testing to ensure the stability of the application, identifying and documenting defects using HP Quality Center for efficient tracking and resolution.

EDUCATION

Master of Computer Information Systems, Colorado State University, CO

December 2019

- *Business Intelligence graduate certificate*

GPA: 3.78

Bachelor of Engineering in Mechatronics & Robotics Eng, Gujarat Technological Univ, India

May 2016

GPA: 3.4

ADDITIONAL TECHNICAL EXPERIENCE

Graduate Research Assistant | COLORADO STATE UNIVERSITY, Fort Collins, CO

Aug 2018–Dec 2019

- Built JAVA automation framework using Selenium WebDriver and Element Locator to automate end to end SAP ERP process including ordering, logistics, warehouse etc.
- Analyze effectiveness of interactive textbook by providing statistics of grades improvements & feedback.
- Access control model using spatio-temporal constraints to provide authorization in hierarchical structure.

IT Media Specialist | CSU ONLINE PLUS, Fort Collins, CO

Aug 2018–Dec 2019

- Managed video database, pre- and post-production of lecture videos.
- Recorded classes for live telecast and posted to Echo360 using Echo monitor and Crestron Panel.

Graduate Teaching Assistant | COLORADO STATE UNIVERSITY, Fort Collins, CO

Jan 2019 – May 2019

- TA for **JAVA** (CIS 240 – Application design and development, CIS 210 - Information Technology in Business).
- Responsibilities included mentoring students, holding office hours to provide assistance.
- Grading tests and assignments.

COMMUNITY INVOLVEMENT

- Member of **CIS Club** (Colorado State University), **JOSH Group** (Tech Mahindra Ltd., Mumbai).
- **Chairperson** of **ISTE** (Indian Society for Technical Education) and **AGII** (Aptitude, Group discussion, Interview, Industrial visits).